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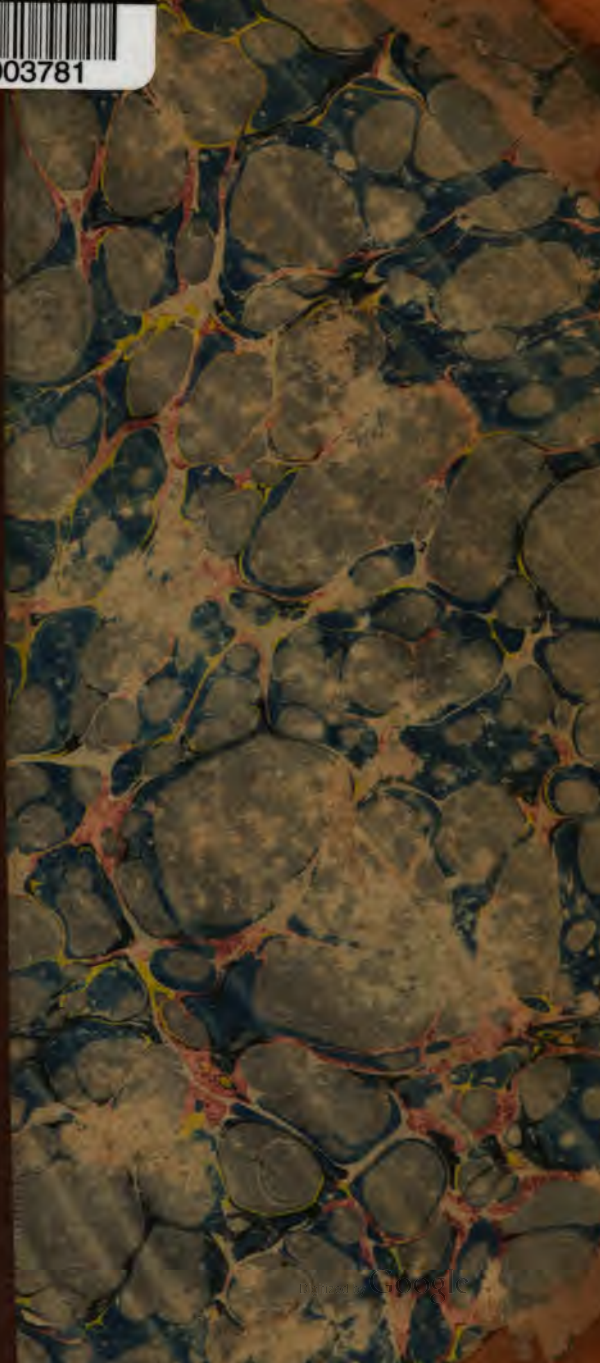
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*Diagram of the engine at Shosha*

THE  
AMERICAN ALMANAC

AND

REPOSITORY

OF

USEFUL KNOWLEDGE,

FOR THE YEAR

1844.

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BOSTON:  
PUBLISHED BY DAVID H. WILLIAMS.  
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BOSTON :  
PRINTED BY S. N. DICKINSON,  
WASHINGTON STREET.

## P R E F A C E .

THIS volume of the American Almanac, which is the fifteenth from the commencement of the work, and the fifth of the second series, contains the usual variety of astronomical, statistical, and miscellaneous information. Great pains have been taken to obtain the latest and most correct intelligence from every part of the country, and it is hoped, that the high reputation which the work has acquired for accuracy in former years will be fully sustained by the present volume.

The astronomical department is still under the charge of Mr. BENJAMIN PEIRCE, *Perkins Professor of Astronomy in Harvard University*, whose high reputation is a sufficient guaranty of the completeness and accuracy of the computations. Some additions have been made to this portion of the work, and the eclipses of the sun and moon which take place in 1844, especially the solar eclipse of Dec. 9th, have been computed with extraordinary minuteness and care. The path of this eclipse across the country is laid down on a handsomely engraved map of the United States, which will be useful also for general reference. Professor Peirce has also furnished an interesting article on the remarkable comet of 1843, which sums up in a very succinct and complete form the results obtained by mathematicians and scientific observers both in Europe and America.

Among the miscellaneous articles is a complete list of the Senators and Representatives in Congress, with the time of commencement and termination of their respective periods of service, from the formation of the constitution in 1789 up to the present day. Every name and date have been compared with the official records at Washington, and the list is believed to be very accurate. A table of the sessions of Congress is given, and under the head of the individual States will be found a complete view of the districts for the choice of representatives, into which the States have been divided under the apportionment law of 1842. Another novel article contains the titles and abstracts of all the public laws passed at the last session of Congress. We intend to continue this article in future volumes, so that the work will present, in a narrow compass, a complete record of the legislation of the country, in connection with the other divisions that furnish a continuous register of statistical and miscellaneous facts. Some interesting statistics respecting the cities and larger

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1844  
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towns, prepared from original sources of information, and arranged with great care, expressly for this work, are also inserted. These might have been much increased in amount, by borrowing the reputed statistical information which is furnished by the newspapers in great abundance. But the tables collected in this way abound with inaccuracies, and only encumber and vitiate a work designed for preservation and future reference, as well as for present use. Satisfactory details respecting the financial condition and the common school systems of the several States will be found arranged under the appropriate heads. The usual lists of officers of the executive and the judiciary, both of the national government and of all the individual states and territories, and the record of colleges, theological and medical schools, &c., have been carefully revised and corrected up to the latest date. Statistics are also furnished respecting all the more numerous religious denominations. The obituary notices of distinguished individuals, deceased during the past year, have been collected with great attention from every part of the country, and form an interesting and valuable record.

The best thanks of the editor are due to the numerous correspondents of the work, and they are respectfully solicited to furnish information for the future volumes. Persons who may notice errors in any portion of the Almanac are earnestly requested to communicate them to the editor, and they will be corrected in the following year. Perfect accuracy cannot be expected in a work embracing such a multitude of details; but every exertion is made to avoid mistakes, and to supply the most useful and interesting information that comes within the plan of such a publication.

*Boston, Mass.*

*October 1, 1843.*

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PUBLISHER'S ADVERTISEMENT.—This number contains 10 printed sheets; the postage, under 100 miles, is 15 cents; over that distance, 25 cents. The work will be sent by mail to any person who will remit \$1 to the publisher at Boston. If the remittance be made without expense to the publisher, either by discount or postage, the Almanac will be sent by mail, *postage paid*.

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THE  
AMERICAN ALMANAC,  
FOR  
1844.

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PART I.



THE  
AMERICAN ALMANAC,  
FOR THE YEAR  
1844,

- Being the latter part of the 68th, and the beginning of the 69th, year of the Independence of the United States of America ;
- “ the 6557th year of the Julian Period ;
- “ the latter part of the 5604th and the beginning of the 5605th, year since the creation of the world, according to the Jews ;
- “ the 2597th year (according to Varro) since the foundation of Rome ;
- “ the 2591st year since the era of Nabonassar, which has been assigned to Wednesday the 26th of February of the 3967th year of the Julian Period, which corresponds, according to the chronologists, to the 747th, and, according to the astronomers, to the 746th year, before the birth of Christ ;
- “ the 2620th year of the Olympiads, or the fourth year of the 655th Olympiad, beginning in July, 1843, if we fix the era of the Olympiads at 775½ years before Christ, or at or about the beginning of July of the year 3938 of the Julian Period ;
- “ the latter part of the 1259th, and the beginning of the 1260th year (of twelve lunations) since the Hegira, or flight of Mahomet, which, as is generally supposed, took place on the 16th of July, in the year 662 of the Christian era.

I. THE CALENDAR  
AND CELESTIAL PHENOMENA FOR THE YEAR.

SIGNS OF THE PLANETS, &c.

☉ The Sun.	♂ Mars.	♄ Ceres.
♁ The Earth.	♁ Vesta.	♃ Jupiter.
☾ The Moon.	♃ Juno.	♄ Saturn.
☿ Mercury.	♁ Pallas.	♃ Herschel or Uranus.
♀ Venus.		* A fixed star.

- ♄ Conjunction, or having the same Longitude or Right Ascension.
- ☐ Quadrature, or differing 90° in “ “ “
- ♁ Opposition, or “ 180° in “ “ “
- ♂ The ascending, ♀ the descending node.



The sign + is, prefixed to the latitude, or declination, of the Sun, or other heavenly body, when *north*, and the sign — when *south*; but the former prefixed to the hourly motion of the Moon in latitude, indicates that she is approaching, and the latter that she is receding from, the north pole of the ecliptic.

The letters *M. A.*, *m. a.*, denote *Morning* and *Afternoon*.

### CHRONOLOGICAL CYCLES.

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### SIGNS OF THE ZODIAC.

Spring signs.	{ 1. ♈ Aries.	Autumn signs.	{ 7. ♎ Libra.
	{ 2. ♉ Taurus.		{ 8. ♏ Scorpio.
	{ 3. ♊ Gemini.		{ 9. ♐ Sagittarius.
Summer signs.	{ 4. ♋ Cancer.	Winter signs.	{ 10. ♑ Capricornus.
	{ 5. ♌ Leo.		{ 11. ♒ Aquarius.
	{ 6. ♍ Virgo.		{ 12. ♓ Pisces.

### BEGINNING AND LENGTH OF THE SEASONS.

Sun enters ♏ (Winter begins)	1843, Dec. 22d,	h. m. s.						
" " ♈ (Spring " )	1844, March 20th,	5 40 26 M.						
" " ♋ (Summer " )	" June 21st,	6 45 58 M.						
" " ♎ (Autumn " )	" Sept. 22d,	3 37 54 M.						
" " ♏ (Winter " )	" Dec. 21st,	5 48 51 A.						
		11 22 56 M.						
							M. Time at Wash'ton.	

Sun in the Winter Signs . . . . .	d. h. m. s.							
" " Spring . . . . .	89 1 5 32							
" " Summer . . . . .	92 26 51 56							
" " Autumn . . . . .	93 14 10 57							
" north of Equator, (Spring and Summer)	89 17 24 5							
" south of " (Winter and Autumn)	186 11 2 53							
	178 18 29 37							

Length of the tropical year, commencing at the winter solstice, 1843, and terminating at the winter solstice, 1844,								
Mean or average length of the tropical year,	365	5	32	30				
	365	5	48	48				

## MOVABLE FESTIVALS OF THE CHURCH, IN 1844.

Septuagesima Sunday,	Feb. 4th	Rogation Sunday,	May 12th
Quinq. or Shrove do.	" 18th	Ascen. Day, or Holy Th.	" 16th
Ash Wed. Lent begins,	" 21st	Whitsunday or Pentecost,	" 26th
Mid Lent Sunday,	Mar. 17th	Trinity Sunday,	June 2d
Palm do	" 31st	Corpus Christi Day, }	" 6th
Easter do	Apr. 7th	Fête Dieu, }	
Low do	" 14th	Advent Sunday,	Dec. 1st,

## JEWISH CALENDAR.

[The anniversaries marked with an asterisk (\*) are to be strictly observed.]

Year. Names of the Months.

5604	Thebet begins		Dec. 24, 1843.
"	" 10th	Fast for the Siege of Jerusalem	Jan. 2, 1844.
"	Sebat begins		" 22, "
"	Adar begins		Feb. 21, "
"	" 14th	*Purim	Mar. 5, "
"	" 15th	Schuscan Purim	" 6, "
"	Nisan begins		" 21, "
"	" 15th	*Beginning of the Passover	Apr. 4, "
"	" 16th	*Second Feast, or Morrow of the Passover	" 5, "
"	" 21st	*Seventh Feast	" 10, "
"	" 22d	*End of the Passover	" 11, "
"	Ijar begins		" 20, "
"	" 18th	Lag Beomer	May 7, "
"	Sivan begins		" 19, "
"	" 6th	*Feast of Weeks or Pentecost	" 24, "
"	" 7th	*Second Feast	" 26, "
"	Thammus begins		June 18, "
"	" 17th	Fast for the taking of the Temple	July 4, "
"	Ab begins		" 17, "
"	" 9th	*Fast for the burning of the Temple	" 25, "
"	Elul begins		Aug. 16, "
5605	Tisri begins	*Feast for the New Year	Sept. 14, "
"	" 2d	*Second Feast for the New Year	" 15, "
"	" 4th	Fast of Gedaljah,	" 17, "
"	" 10th	*Fast of the Reconciliation or Atone- ment	" 23, "
"	" 15th	*Feast of the Huts or Tabernacles	" 28, "
"	" 16th	*Second Feast of the Huts	" 29, "
	1*		



## Year. Names of the Months.

5605	Tisri	21st	Feast of Palms or Branches	Oct. 4, 1844,
"	"	22d	*End of the Hut, or Congregation Feast	" 5, "
"	"	23d	*Rejoicing for the discovery of the Law	" 6, "
"	Marchesvan	begins		" 14, "
"	Chisleu	begins		Nov. 12, "
"	"	25th	Consecration of the Temple	Dec. 6, "
"	Thebet	begins		" 12, "
"	"	10th	Fast for the Siege of Jerusalem	" 21, "
"	Sebat	begins		Jan. 10, 1845.

The Jewish year generally contains 354 days, or 12 lunations of the Moon, but, in a cycle of 19 years, an intercalary month (Veadar) is 7 times introduced, for the purpose of rendering the average duration of the year quite or nearly correct.

## MAHOMETAN CALENDAR.

## Year. Names of the Months.

1259	Dsu'l-hejjah	begins,		Dec. 23, 1843.
1260	Muharrem	"		Jan. 22, 1844.
"	Saphar	"		Feb. 21, "
"	Rabia I.	"		Mar. 21, "
"	Rabia II.	"		April 20, "
"	Jomadhi I.	"		May 19, "
"	Jomadhi II.	"		June 18, "
"	Redjeb	"		July 17, "
"	Chaban	"		Aug. 16, "
"	Ramadan	"	(Month of Fasting)	Sept. 14, "
"	Schewall	"	(Bairam)	Oct. 14, "
"	Dsu'l-kadah	"		Nov. 12, "
"	Dsu'l-hejjah	"		Dec. 12, "
1261	Muharrem	"		Jan. 10, 1845.

The Mahometan Era dates from the flight of Mahomet to Medina, July 16th, A. D. 662.

The Mahometan year is purely lunar; it consists of 12 synodical periods of the Moon, or of 354 days, 19 times in a cycle of 30 years, and 11 times of 355 days. The average length of this year is therefore  $354\frac{11}{30}$  days, which differs only *thirty-three seconds* from the truth; a degree of exactness that only could have been attained by a long series of observations. But as no allowance is made for the excess of 11 days in the length of a tropical year over the time of 12 revolutions of the Moon, it is obvious that in about 33 years, the above months will correspond to every season and every part of the Gregorian year.

## HEIGHT OF THE GREATEST OR SPRING TIDES IN 1844.

Computed by the formula of Laplace (*Mécanique Céleste*, Vol. II. pp. 289  
Paris ed., and [1856] Bowd. ed.)

New or Full Moon.	Height of the tide.		New or Full Moon.	Height of the tide.	
	d.	h.		d.	h.
Full Moon, Jan.	5,	1 A.	0.84	New Moon, July	15, 9 M. 0.81
New " Feb.	19,	1 A.	0.94	Full " Aug.	29, 10 M. 0.97
Full " Feb.	4,	4 M.	0.97	New " Aug.	13, 10 A. 0.93
New " March	18,	4 M.	0.95	Full " Sept.	27, 8 A. 0.97
Full " March	4,	4 A.	1.08	New " Sept.	12, 8 A. 1.04
New " April	18,	7 A.	0.91	Full " Oct.	26, 8 A. 0.93
Full " April	3,	2 M.	1.11	New " Oct.	11, 6 A. 1.08
New " May	17,	0 A.	0.83	Full " Nov.	26, 0 M. 0.84
Full " May	2,	10 A.	1.05	New " Nov.	10, 5 M. 1.05
New " June	17,	4 M.	0.75	Full " Dec.	24, 7 A. 0.77
Full " June	31,	6 A.	0.98	New " Dec.	9, 3 A. 1.01
New " June	15,	7 A.	0.74	Full " Dec.	24, 2 A. 0.77
Full " June	30,	1 M.	0.96		

The unit of altitude at any place, is the height at that place of that tide which arrives *about a day and a half* after the time of New or Full Moon, when the Sun and Moon at the moment of conjunction or opposition are at their mean distance from the Earth, and in the plane of the celestial equator.

This unit of altitude, which must be derived from observation for each place, multiplied by the quantities in the above table, gives the height of the spring tides at that place during the present year.

By the above table it appears, that the highest tides of 1844 will be those of March 5, April 4, May 3, September 13, October 12, and November 11.

The actual rise of the tide, however, depends so much upon the strength and direction of the wind, that it not unfrequently happens that a tide, which would, independently of these, have been small, is higher than another, otherwise much greater. But when a tide, which arrives when the Sun and Moon are in a favorable position for producing a great elevation, is still further increased by a very strong wind, the rise of the water will be uncommonly great, sufficient perhaps to cause damage.

The formula, from which these tides were computed, is, however, strictly true only for Brest and its vicinity, and must be regarded as a very uncertain approximation for the coast of the United States.

For tables exhibiting the rise of the tide, and the differences between the times of high water at many places on the American coast and at Boston, see the *American Almanac* for 1840, pages 7, 8, and 9.

## DARKNESS OF THE NIGHTS DURING THE YEAR 1844.

*For Boston, New York, Philadelphia, Washington, &c.*

The number of hours at the top of the page denotes the average time for the month from the end of evening twilight to the beginning of morning twilight.

The dots in the table denote the hours of entire darkness, when there is neither sun, moon, nor twilight, and their disposition denotes the hours before or after midnight.

Days of Month.	January 12 h.	Feb'y 11 h.	March 9 h.	April 8 h.	May 7 h.	Jun. 5 h.	July 6 h.	Aug. 7 h.	Sept. 8 h.	Oct. 9 h.	Nov. 11 h.	Dec. 12 h.
1	•				•							
2				•							•	•
3		•								•		
4			•						•			
5	•							•				
6						•	•					
7												
8					•							
9				•							•	•
10		•	•									
11									•			
12	•									•		
13												
14							•	•				
15						•						
16				•	•						•	•
17		•										
18												
19	•								•	•		
20								•				
21												
22					•	•						
23												
24											•	•
25		•		•	•				•			
26	•		•									
27								•				
28							•					
29						•						
30												
31					•							

Harvest Moon.

Hunter's Moon.

## DARKNESS OF THE NIGHTS DURING THE YEAR 1844.

*For Charleston, New Orleans, &c.*

Days of Month.	January 11 h.	Feb'y. 10 h.	March 9 h.	April 8 h.	May 7 h.	June 7 h.	July 7 h.	Aug. 8 h.	Sept. 9 h.	Oct. 10 h.	Nov. 11 h.	Dec. 11 h.
1	..				●						...	...
2	.			●		.	.		..	...	....D	....D
3		●				.	.	..	...	....D	.....	.....
4			●					..	...D	.....	.....	.....
5	●			..	..	..	..	...D		.....	.....	.....
6		.	.	...	...	...D	...D	...	.....	.....	.....	.....
7		...	..	...	...	...	...	...	.....	.....	.....	.....
8	..	...	...	..	...D	.		...	.....	.....	.....	.....
9	...	.....	...	...D	.	...	.	...	.....	.....	G...	...
10	...	....D	....D	...	...	...	...	...	.....	.....	...	...
11	....	.....	...	...	...	...	...	...	G...	.....	.....	...
12	....D	.....	...	...	...	...	...	...	.....	...☾	.....	...
13	.....	.....	...	...	...	...	...	...	.....	.....	.....	...
14	.....	.....	...	...	...	...	☾	☾	.....	.....	.....	...
15	.....	.....	...	...	...	...	...	...	.....	.....	.....	...
16	.....	.....	...	☾	☾	☾	...	...	.....	...	☾	☾
17	.....	☾	...	...	...	...	...	...	.....	...	...	...
18	.....	...	...	...	...	...	...	...	.....	☾	...	...
19	...☾	...	☾	...	...	...	...	...	☾	...	...	...
20	.....	...	...	...	...	...	...	☾	.....	...	...	...
21	.....	...	...	...	...	...	...	...	.....	...	...	...
22	.....	...	...	...	...	...	☾	...	.....	...	...	...
23	.....	...	...	...	...	☾	...	...	.....	...	...	...
24	.....	...	...	...	...	...	...	...	.....	●	●	●
25	.....	...	...	☾	☾	...	...	...	●	...	...	...
26	.....	☾	☾	...	...	...	...	...	...	...	...	...
27	☾	...	...	...	...	...	...	●	...	...	...	...
28	...	...	...	...	...	...	●	...	...	...	...	...
29	...	...	...	...	...	●	...	...	...	...	...	...
30	.				●					...	...	...
31										...	...	...

Twilight begins and ends. Mean time.

	1st day		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
Boston,	5 48 m	6 20a	5 48 m	6 24a	5 48 m	6 29a	5 47 m	6 35a	5 44 m	6 42a
N. York,	5 46	6 22	5 46	6 26	5 46	6 31	5 45	6 37	5 42	6 44
Wash.	5 43	6 25	5 44	6 29	5 44	6 34	5 43	6 39	5 41	6 45
Charles.	5 35	6 33	5 36	6 37	5 37	6 41	5 36	6 46	5 35	6 51
N. Orl's,	5 31	6 37	5 33	6 40	5 34	6 44	5 33	6 49	5 32	6 54

PERIGEE AND APOGEE OF THE MOON.

Perigee, 15th day, 8h. M. Apogee, 27th day, 11h. A.

PHASES OF THE MOON.

Full Moon, 5th day, 0 26.1m. A. New Moon, 19th day, 1h. 9 9m. A.  
Last Quarter, 12th " 4h. 23 1 A. First Quarter, 27th " 7 22.8 M.

DAYS OF MONTH.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	M.	7 30	4 38	7 25	4 43	7 19	4 49	7 3	5 5	6 57	5 11	8 31a	6 11a	4 31a
2	Tu.	30	30	25	44	19	50	3	6	57	12	9 36	7 16	5 36
3	W.	30	40	25	45	19	51	3	7	57	12	10 23	9 3	6 23
4	Th.	30	40	25	45	19	51	3	7	58	13	11 8	8 48	7 8
5	F.	30	41	25	46	19	52	3	8	58	14	11 46	9 26	7 46
6	S.	30	42	25	47	19	53	3	9	58	14	...	10 5	8 25
7	Su.	7 30	4 43	7 25	4 48	7 10	4 54	7 3	5 10	6 53	5 15	0 25m	10 41a	9 1a
8	M.	30	44	25	49	19	55	3	11	53	16	1 1	11 17	9 37
9	Tu.	30	45	25	50	19	56	3	12	53	17	1 37	11 55	10 17
10	W.	29	46	25	51	19	57	3	13	53	18	2 17	...	10 56
11	Th.	29	47	24	52	18	58	2	14	53	18	2 56	0 36m	11 38
12	F.	29	48	24	53	18	59	2	14	53	19	3 38	1 18	...
13	S.	28	49	24	54	18	5 0	2	15	53	20	4 26	2 6	0 26m
14	Su.	7 28	4 50	7 23	4 55	7 17	5 1	7 2	5 16	6 58	5 21	5 20m	3 0m	1 20m
15	M.	27	51	23	56	17	2	2	17	57	22	6 33	4 13	2 33
16	Tu.	27	53	22	58	17	3	2	17	57	23	7 53	5 33	3 53
17	W.	26	54	21	5 59	16	4	2	18	57	23	9 16	6 56	5 16
18	Th.	26	55	21	0	16	5	2	19	57	24	10 20	8 0	6 20
19	F.	25	57	20	2	15	7	1	20	57	25	11 15	8 55	7 15
20	S.	24	58	19	3	14	8	1	20	56	25	0 1a	9 41	8 1
21	Su.	7 23	4 50	7 19	5 4	7 14	5 9	7 1	5 21	6 56	5 26	0 44a	10 24m	8 44m
22	M.	22	5 0	18	5	13	10	1	22	56	27	1 22	11 2	9 22
23	Tu.	22	2	17	6	12	11	0	23	55	28	1 50	11 39	9 59
24	W.	21	3	17	7	12	12	0	24	55	29	2 34	0 14a	10 34
25	Th.	20	4	16	8	11	13	0	25	55	30	3 8	0 48	11 8
26	F.	20	5	15	9	10	14	6 59	26	54	31	3 42	1 22	11 42
27	S.	19	6	14	10	10	15	59	27	54	32	4 19	1 59	0 19a
28	Su.	7 19	5 8	7 14	5 12	7 9	5 16	6 58	5 28	6 53	5 33	5 3a	2 43a	1 3a
29	M.	17	9	13	13	8	17	55	29	53	34	6 10	3 50	2 10
30	Tu.	16	10	12	14	8	18	57	30	52	35	7 23	5 8	3 28
31	W.	15	12	11	16	7	20	57	31	52	36	8 51	6 31	4 51

## Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.
1	7a	—23 12	1 21a	—20 47	1 27a	—17 50	1 18a	—15 14	0 42a	—14 16
1	40	—21 5	1 47	—19 14	1 54	—17 5	1 59	—14 38	2 4	—11 53
4	22	—6 44	4 14	—4 55	4 7	—3 5	3 59	—1 14	3 52	+ 0 36
9	56m	—18 14	9 45m	—18 44	9 34m	—19 9	9 24m	—19 31	9 13m	—19 43
4	2a	—10 15	3 50a	—9 31	3 37a	—8 43	3 24a	—7 52	3 12a	—6 43
8	19m	+ 0 12	8 4m	+ 0 36	7 49m	+ 1 6	7 34m	+ 1 43	7 19m	+ 2 25
8	22	—9 46	8 7	—10 22	7 52	—10 54	7 36	—11 24	7 21	—11 50
3	15a	—13 30	2 56a	—13 5	2 38a	—12 38	2 19a	—12 10	2 1a	—11 40
1	11	—21 9	0 50	—21 2	0 30	—20 54	0 9	—20 46	11 43m	—20 37
5	14	—1 13	4 50	—1 9	4 27	—1 5	4 4	—1 0	3 42a	—0 55

Days of Month	Moon rises or sets. Mean time.						PHENOMENA AND OBSERVATIONS.	
	Moon Souths. Mean Time.	Boston, &c.	N. York, &c.	Wash'tn, &c.	Char'ston, &c.	N. Orl'a, &c.		
	h. m.	sets. h. m.	sets. h. m.	sets. h. m.	sets. h. m.	sets. h. m.	Washington Mean Time.	
1	9 5a	3 49m	3 45m	3 43m	3 26m	3 22m	1 9 34m.	♂ ♀ ♀, * 1 52 N.
2	9 54	4 58	4 43	4 37	4 21	4 15	2 4 41m.	♂ ♀ ♀, * 1 50 S.
3	10 45	5 43	5 37	5 32	5 15	5 9	2 5 11m.	☉ in Perigee.
4	11 37	rises.	rises.	rises.	rises.	rises.	2 8 30m.	♂ ♀ ♀, * 0 21 S.
5	♂	4 56a	5 0a	5 6a	5 22a	5 20a	2 10 27m.	♂ ♀ ♀, * 1 10 S.
6	0 29m	6 1	6 6	6 10	6 22	6 29	Epiphany.	
7	1 20m	7 8a	7 10a	7 14a	7 24a	7 28a	1st Sund. after Epiphany.	
8	2 10	8 17	8 19	8 21	8 27	8 30	9 7 54a.	♀ gr. Hel. Lat. S.
9	2 53	9 26	9 27	9 28	9 29	9 32	13 11 53m.	♂ ♀ ♀, * 1 50 N.
10	3 46	10 35	10 24	10 35	10 32	10 32	13 4 17a.	♀ gr. elon. 18 52 E.
11	4 35	11 46	11 46	11 43	11 37	11 37	15 8 7a.	♀ in ☉
12	5 25	...	...	...	...	...	17 5 8m.	♂ ♀ ♀, * 1 42 N.
13	6 18	0 59m	0 56m	0 54m	0 44m	0 41m	18 9 24a.	♂ ♀ ☉
14	7 13m	2 12m	2 8m	2 4m	1 51m	1 48m	2d Sunday after Epiphany.	
15	8 11	3 24	3 20	3 15	2 59	2 54	19 1 19a.	♂ ♀ ☉, ♀ 3 22 S.
16	9 11	4 32	4 27	4 21	4 4	3 53	19 10 8a.	♀ stationary.
17	10 12	5 32	5 26	5 20	5 4	4 53	20 9 44m.	♀ in Perihelion.
18	11 10	sets.	sets.	sets.	sets.	sets.	20 8 8a.	♂ ♀ ☉, ♀ 2 53 S.
19	0 5a	5 12a	5 17a	5 21a	5 33a	5 40a	21 6 2a.	♂ ♀ ♀, ♀ 0 23 S.
20	0 57	6 21	6 24	6 28	6 37	6 41	21 9 57a.	♂ ♀ ☉, ♀ 6 48 S.
21	1 45a	7 29a	7 31a	7 33a	7 38a	7 31a	3d Sunday after Epiphany.	
22	2 31	8 34	8 35	8 35	8 38	8 39	Mahom'n Year 1260 begins.	
23	3 15	9 36	9 35	9 36	9 34	9 34	22 3 20m.	♂ ♀ ☉, ♀ 6 15 S.
24	3 57	10 38	10 37	10 35	10 30	10 30	24 9 31m.	♂ ♀ ☉, ♀ 6 20 S.
25	4 40	11 37	11 35	11 33	11 25	11 22	24 1 17a.	♂ ♀ ☉, ♀ 5 52 S.
26	5 24	...	...	...	...	...	24 3 35a.	♂ ♀ ♀, ♀ 0 38 S.
27	6 9	0 38m	0 35m	0 31m	0 20m	0 17m	27 9 57a.	♂ ♀ ☉, * 1 43 S.
28	6 55a	1 37m	1 33m	1 28m	1 15m	1 11m	4th Sunday after Epiphany.	
29	7 45	2 35	2 31	2 26	2 10	2 5	29 6 57m.	Inf. ♂ ♀ ☉
30	8 35	3 31	3 26	3 20	3 4	2 59	30 4 0a.	♂ ♀ ♀, * 1 8 N.
31	9 27	4 23	4 17	4 12	3 56	3 49	30 5 43a.	♀ gr. Hel. Lat. N.

Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston.	5 38 m.	6 50a.	5 32 m.	6 56a.	5 26 m.	7 3a.	5 18 m.	7 10a.	5 9 m.	7 17a.
N. York.	5 37	6 51	5 31	6 57	5 25	7 4	5 18	7 10	5 10	7 16
Wash.	5 36	6 52	5 31	6 58	5 25	7 4	5 19	7 10	5 10	7 16
Charles.	5 31	6 57	5 27	7 1	5 23	7 6	5 17	7 11	5 10	7 16
N. Orl's.	5 29	6 59	5 25	7 3	5 21	7 8	5 16	7 12	5 11	7 15

PERIGEE AND APOGEE OF THE MOON.

Perigee, 9th day, 0h. M.

Apogee, 24th day, 8h. M.

PHASES OF THE MOON.

Full Moon, 4th day, 3h. 34.7m. M. New Moon, 18th day, 3h. 37.9m. M.  
 Last Quarter, 11th " 0h. 13.6 M. First Quarter, 26th " 4h. 49.6m. M.

Sun's upper limb rises and sets, (corr. for refract.) M. T.

High Water. M. Time.

Days of Month.	Days of Week.	Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.		New York, &c.		Charleston, &c.	
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	Th	7 14	5 14	7 10	5 13	7 6	5 22	6 56	5 32	6 51	5 37	9 56a	7 36a	5 56a			
2	F.	13	15	9	19	5	23	55	33	50	38	10 46	8 26	6 46			
3	S.	11	16	8	20	4	24	54	34	49	39	11 27	9 7	7 27			
4	Su.	7 10	5 18	7 7	5 21	7 3	5 25	6 54	5 35	6 49	5 40	...	9 46a	8 6a			
5	M.	9	19	6	22	2	26	53	36	48	41	0 6m	10 23	8 43			
6	Tu.	8	20	5	23	1	27	52	37	47	42	0 43	11 0	9 20			
7	W.	7	22	4	25	0	28	51	38	46	43	1 20	11 37	9 57			
8	Th.	6	23	3	26	6 59	29	50	39	45	43	1 57	...	10 35			
9	F.	5	25	2	27	58	30	49	40	44	44	2 35	0 15m	11 16			
10	S.	4	26	1	29	57	31	48	41	43	45	3 16	0 56	11 59			
11	Su.	7 2	5 27	6 59	5 30	6 56	5 32	6 47	5 42	6 42	5 46	3 59m	1 39m	...			
12	M.	1	28	58	31	54	33	46	43	42	47	4 53	2 33	0 53m			
13	Tu.	0	30	57	33	53	35	45	44	41	47	6 7	3 47	2 7			
14	W.	6 58	31	55	34	52	36	44	45	40	48	7 38	5 18	3 38			
15	Th.	57	32	54	35	50	37	43	46	39	49	9 9	6 49	5 9			
16	F.	55	33	52	36	49	38	42	46	38	49	10 15	7 55	6 15			
17	S.	54	34	51	37	48	39	41	47	37	50	11 7	8 47	7 7			
18	Su.	6 52	5 35	6 50	5 38	6 47	5 40	6 40	5 48	6 36	5 51	11 48m	9 18m	7 43m			
19	M.	51	37	49	39	46	41	39	49	36	52	0 25a	10 5	8 25			
20	Tu.	50	38	48	40	44	42	38	50	35	52	1 0	10 40	9 0			
21	W.	48	40	46	42	43	43	37	50	34	53	1 31	11 11	9 31			
22	Th.	47	41	45	43	42	44	36	51	33	54	2 4	11 44	10 4			
23	F.	45	42	44	44	41	45	35	52	32	55	2 34	0 14a	10 34			
24	S.	44	44	42	45	40	46	34	52	31	55	3 6	0 46	11 6			
25	Su.	6 42	5 45	6 41	5 46	6 38	5 47	6 33	5 53	6 30	5 56	3 39a	1 19a	11 39m			
26	M.	40	46	39	47	37	48	32	54	30	56	4 22	2 2	0 22a			
27	Tu.	36	47	36	48	36	49	31	55	28	57	5 14	2 54	1 14			
28	W.	37	48	37	49	35	50	30	56	27	58	6 35	4 15	2 35			
29	Th.	36	49	36	50	34	51	29	57	26	59	8 3	5 43	4 3			

## Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
Souths.	Dec.	Souths.	Dec.	Souths.	Dec.	Souths.	Dec.	Souths.	Dec.
h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
11 42m	—15 30	11 0m	—17 9	10 37m	—18 17	10 29m	—18 40	10 30m	—18 15
2 9a	—8 36	2 13a	—5 35	2 16a	—2 28	2 18a	—0 41	2 21a	—3 49
3 42	+ 2 44	3 35	+ 4 31	3 27	+ 6 17	3 19	+ 8 1	3 12	+ 9 41
9 0m	—20 3	8 48m	—20 12	8 37m	—20 17	8 26m	—20 18	8 14m	—20 16
2 58a	—5 52	2 46a	—4 54	2 35a	—3 53	2 23a	—2 50	2 12a	—1 45
7 0m	+ 3 23	6 43m	+ 4 20	6 26m	+ 5 22	6 8m	+ 6 31	5 49m	+ 7 46
7 2	—12 17	6 45	—13 38	6 28	—12 55	6 10	—13 10	5 52	—13 23
1 39a	—11 5	1 21a	—10 34	1 3a	—10 3	0 44a	—9 31	0 26a	—8 59
11 24m	—20 27	11 3m	—20 19	10 43m	—20 11	10 22m	—20 2	10 1m	—19 54
3 15a	—0 49	2 53a	—0 41	2 30a	—0 34	2 8a	—0 27	1 45a	—0 20

Days of Month.	Moon rises or sets. Mean time.					
	Moon Souths.		Boston, &c.		N. York, &c.	
	h. m.	Mean Time.	h. m.	Mean Time.	h. m.	Mean Time.
1	10 19a		2 39a		2 45a	
2	11 11		3 44		3 48	
3	8		4 51		4 55	
S. 0 2m	6 1a		6 4a		6 6a	
5 0 52	7 13		7 14		7 16	
6 1 42	8 26		8 25		8 25	
7 2 31	9 36		9 36		9 34	
8 3 22	10 50		10 47		10 45	
9 4 14	...		11 59		11 55	
10 5 9	0 3m		...		...	
S. 6 6m	1 14m		1 10m		1 6m	
12 7 4	2 23		2 17		2 12	
13 8 3	3 24		3 18		3 13	
14 9 1	4 16		4 12		4 7	
15 9 56	5 1		4 56		4 53	
16 10 48	sets.		sets.		sets.	
17 11 37	5 12a		5 14a		5 17a	
S. 0 24a	6 13a		6 15a		6 20a	
19 1 8	7 20		7 20		7 21	
20 1 51	8 22		8 23		8 18	
21 2 34	9 24		9 22		9 20	
22 3 18	10 25		10 22		10 19	
23 4 2	11 25		11 21		11 17	
24 4 48	...		...		...	
S. 5 36a	0 22m		0 18m		0 14m	
26 6 25	1 13		1 14		1 9	
27 7 16	2 13		2 7		2 1	
28 8 7	3 1		2 56		2 50	
29 8 58	3 43		3 38		3 34	

## PHENOMENA AND OBSERVATIONS.

## Sundays and Holidays.

## Washington Mean Time.

d.	h. m.		
5 9 48a.	♂ 6 h.	♂ 3 37 N	
10 1 42m.	♂ stationary.		
10 4 42m.	♂ in Perihelion.		
Septuagesima Sunday.			
12 2 11m.	♂ 6 e	* 1 13 N.	
14 3 51m.	♂ 6 e	* 1 37 S.	
14 3 18a.	♂ in ☉		
16 2 41m.	♂ 6 C	♂ 2 2 S.	
16 3 20m.	♂ 6 C	♂ 3 42 S.	
16 6 27a.	♂ 6 h	♂ 1 30 N.	
Sexagesima Sunday.			
17 0 38m.	♀ 6 H	♀ 0 8 N.	
19 0 37m.	♀ 6 C	♀ 6 22 S.	
20 8 20a.	♀ 6 C	♀ 6 7 S.	
21 5 42m.	♀ 6 C	♀ 5 57 S.	
21 5 42m.	♀ 6 C	♀ 4 15 S.	
22 1 59a.	♂ 6 C	♂ 4 23 S.	
Shrove Sunday.			
23 5 41m.	♂ in ☉		
23 0 10a.	♂ gr. elon.	26 49 W.	
Ash Wednesday.			
Washington b. 1732.			
23 0 12a.	♂ 6 π	* 1 14 N.	
27 1 20m.	♂ 6 π	* 1 33 N.	
1st Sunday in Lent.			
27 10 50a.	♂ 6 e	* 1 57 S.	
28 11 7a.	♀ 6 e	* 1 29 N.	
29 0 2a.	♀ 6 C		



## Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston,	5 3m	7 23a	4 53m	7 29a	4 43m	7 37a	4 33m	7 45a	4 20m	7 52a
N. York,	5 4	7 22	4 54	7 28	4 44	7 35	4 34	7 42	4 23	7 49
Wash.	5 5	7 21	4 55	7 27	4 46	7 34	4 36	7 40	4 26	7 46
Charles.	5 7	7 19	4 59	7 24	4 51	7 29	4 43	7 33	4 34	7 38
N. Ori's.	5 7	7 19	5 0	7 23	4 53	7 27	4 45	7 31	4 37	7 35

## PERIGEE AND APOGEE OF THE MOON.

Perigee, 7th day, 3 h. M.

Apogee, 23d day, 2h. M.

## PHASES OF THE MOON.

Full Moon, 4th day, 3h. 54.1m. A. | New Moon, 18th day, 7h. 9.2m. A.  
 Last Quarter, 11th " 8h. 11.5m. M. | First Quarter, 26th " 11h. 53.5m. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.	h. m.	h. m.
1 F.		6 35	5 50	6 35	5 51	6 33	5 52	6 28	5 57	6 26	5 59	9 20a	7 0a	5 20a
2 S.		34	51	34	52	32	53	27	58	25	6 0	10 17	7 57	6 17
3 Su.		6 32	5 52	6 33	5 53	6 30	5 54	6 26	5 58	6 24	6 0	11 1a	8 41a	7 1a
4 M.		31	54	31	54	29	55	25	59	23	1	11 39	9 19	7 39
5 Tu.		29	55	29	55	28	56	24	0	22	2	9 58	8 18	
6 W.		28	56	28	56	26	57	23	1	21	3	0 18m	10 35	9 55
7 Th.		26	57	26	57	25	58	22	1	20	3	0 55	11 15	9 35
8 F.		25	59	25	59	24	59	21	2	19	4	1 35	11 54	10 14
9 S.		23	6 0	23	6 0	22	6 0	20	3	18	5	2 14	10 57	
10 Su.		6 21	6 1	6 21	6 1	6 20	6 1	6 19	6 4	6 16	6 5	2 57m	0 37m	11 44a
11 M.		19	2	19	2	18	2	17	4	15	6	3 44	1 24	...
12 Tu.		17	3	17	3	17	3	16	5	14	7	4 40	2 20	0 40m
13 W.		15	4	15	4	15	4	14	6	13	7	5 55	3 35	1 55
14 Th.		14	6	14	6	14	5	13	7	12	8	7 30	5 10	3 30
15 F.		12	7	13	6	13	6	11	8	10	8	8 58	6 38	4 58
16 S.		10	8	11	7	11	7	10	9	9	9	10 1	7 41	6 1
17 Su.		6 9	6 9	6 10	6 8	6 10	6 8	6 9	6 9	6 8	6 10	10 46m	8 26m	6 46m
18 M.		7	10	8	9	8	9	8	10	7	11	11 27	9 7	7 27
19 Tu.		5	11	6	10	6	10	6	11	6	11	11 59	9 39	7 59
20 W.		3	12	4	11	5	11	5	11	5	12	0 31a	10 11	8 31
21 Th.		2	14	3	13	3	12	3	12	3	12	1 3	10 43	9 3
22 F.		0	15	1	14	2	13	2	13	2	13	1 33	11 13	9 33
23 S.		5 59	16	0	15	1	14	1	14	1	14	2 4	11 44	10 4
24 Su.		5 57	6 17	5 59	6 16	5 59	6 15	5 59	6 14	5 59	6 14	2 35a	0 15a	10 35m
25 M.		55	19	57	17	57	16	58	15	58	15	3 9	0 49	11 9
26 Tu.		53	20	55	18	56	17	56	16	57	16	3 49	1 29	11 49
27 W.		52	21	54	19	54	18	55	16	56	16	4 38	2 19	0 38a
28 Th.		51	22	53	20	53	19	54	17	55	17	5 54	3 34	1 54
29 F.		49	23	51	21	52	20	53	18	54	18	7 20	5 0	3 20
30 S.		47	24	49	22	50	21	52	18	53	18	8 38	6 19	4 39
31 Su.		5 45	6 25	5 47	6 23	5 48	6 22	5 50	6 19	5 51	6 19	9 39a	7 19a	5 39a

## Passage of the Meridian (mean time) and Declination of the Planets.

Table of the altitudes (with the sun) on the 1st day of the month of May, 1854.											
1st day.		7th day.		13th day.		19th day.		25th day.			
Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.		
10 34m	—17 17	10 43m	—15 23	10 54m	—12 42	11 7m	—9 15	11 22m	—5 5		
2 23a	+ 6 24	2 26a	+ 9 25	2 29a	+12 20	2 32a	+15 4	2 36a	+17 35		
3 5	+11 2	2 58	+12 35	2 51	+14 5	2 43	+15 30	2 36	+16 50		
8 6m	—20 13	7 54m	—20 6	7 41m	—19 53	7 29m	—19 47	7 16m	—19 35		
2 3a	—0 53	1 52a	+ 0 11	1 41a	+ 1 16	1 30a	+ 2 29	1 19a	+ 3 23		
5 34m	+ 8 52	5 14m	+10 17	4 53m	+11 45	4 32m	+13 17	4 9m	+14 51		
5 36	—13 32	5 16	—13 21	4 56	—13 48	4 35	—13 53	4 13	—13 57		
0 11a	—8 31	11 53	—7 59	11 35	—7 26	11 17	—6 53	10 58	—6 21		
9 44m	—19 47	9 22	—19 40	9 1	—19 32	8 40	—19 25	8 18	—19 19		
1 27a	—0 13	1 4a	—0 5	0 42a	+ 0 3	0 20a	+ 0 11	11 57	+ 0 19		

## Moon rises or sets. Mean Time.

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time.				
		Boston, &c.	N. York, &c.	Wash'tn, &c.	Cha'ton, &c.	N. Orl'ns, &c.
	h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.
1	9 49a	2 32a	2 38a	2 40a	2 52a	2 59a
2	10 40	3 41	3 43	3 47	3 55	4 0
S. 11	30a	4. 51a	4 54a	4 55a	5 1a	5 4a
4	8	6 3	6 5	6 5	6 6	6 8
5	0 21m	7 18	7 17	7 17	7 14	7 16
6	1 13	8 36	8 30	8 28	8 21	8 21
7	2 7	9 47	9 45	9 42	9 31	9 26
8	3 2	11 3	10 59	10 55	10 42	10 37
9	4 0	...	...	...	11 48	11 40
S. 5	0m	0 13m	0 9m	0 4m	...	...
11	5 59	1 18	1 12	1 7	0 50m	0 44m
12	6 56	2 13	2 9	2 3	1 47	1 42
13	7 52	3 0	2 55	2 51	2 37	2 32
14	8 44	3 38	3 35	3 31	3 19	3 15
15	9 33	4 11	4 8	4 6	3 57	3 55
16	10 19	4 40	4 39	4 37	4 31	4 31
S. 11	4m	sets.	sets.	sets.	sets.	sets.
18	11 47	6 11a	6 11a	6 11a	6 9a	6 9a
19	0 30a	7 13	7 12	7 10	7 6	7 4
20	1 13	8 13	8 10	8 8	8 0	7 57
21	1 58	9 14	9 11	9 7	8 55	8 52
22	2 43	10 12	10 8	10 5	9 50	9 46
23	3 30	11 9	11 3	11 0	10 44	10 39
S. 4	18a	...	11 58a	11 53a	11 36a	11 31a
25	5 7	0 4m	...	...	...	...
26	5 57	0 52	0 47m	0 42m	0 25m	0 20m
27	6 47	1 36	1 32	1 27	1 12	1 6
28	7 37	2 16	2 11	2 7	1 54	1 50
29	8 27	2 51	2 40	2 45	2 34	2 30
30	9 17	3 23	3 20	3 18	3 11	3 9
S. 10	7a	3 53m	3 51m	3 51m	3 47m	3 47m

## PHENOMENA AND OBSERVATIONS.

## Sundays and Holidays.

Washington Mean Time.	
d. h. m.	
St. David.	
1 5 8m. ♀ ☿ ☿ * 1 23 S.	
2d Sunday in Lent.	
4 9 17m. ♀ in Aphelion.	
5 0 12m. ♀ ☿ ☿ * 1 7 S.	
5 2 38m. ♀ in ☿	
6 6 40m. ♀ ☿ ☿ * 1 1 S.	
14 2 46a. ♀ ☿ ☿ ♀ 4 7 S.	
16 10 15m. ♀ ☿ ☿ ♀ 7 49 S.	
3d Sunday in Lent.	
17 8 50a. ♀ ☿ ☿ ♀ 6 29 S.	
19 6 42m. ♀ ☿ ☿ ♀ 5 59 S.	
20 6 47☉ enters ♀. Spr'g bgs.	
21 3 55m. ♀ ☿ ☿ ♀ 1 25 S.	
22 7 9m. ♀ ☿ ☿ * 0 43 N.	
22 9 49m. ♀ ☿ ☿ ♀ 1 56 S.	
4th Sund. in Lent. St. Patrick.	
23 0 59a. ♂ ☿ ☿ ♂ 2 25 S.	
23 1 21a. ♀ ☿ ☿ * 0 1 N.	
23 4 0a. ♀ ☿ ☿ * 0 1 N.	
24 7 44a. ♀ great. Hel. Lat. S.	
25 5 41a. ♀ ☿ ☿ ♀ 0 47 N.	
27 7 30a. ♀ ☿ ☿ * 0 35 N.	
5th Sunday in Lent.	
Lady Day.	
28 11 27m. ♀ ☿ ☿ * 0 26 N.	
29 4 7m. ♀ ☿ ☿ * 1 30 N.	
29 6 52m. ♀ stationary	
30 6 52m. ♂ ☿ ☿ * 1 20 N.	
30 8 38a. ♀ ☿ ☿ ♀ 1 13 S.	
Palm Sunday.	

Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
Boston,	4 7m.	9 1a.	3 55m.	8 9a.	3 43m.	8 18a.	3 31m.	8 27a.	3 19m.	8 37a.
N. York,	4 11	7 57	3 59	8 5	3 48	8 14	3 37	8 22	3 26	8 30
Wash.	4 15	7 53	4 4	8 1	3 53	8 9	3 43	8 17	3 33	8 25
Charles.	4 25	7 43	4 16	7 49	4 7	7 55	3 59	8 0	3 51	8 5
N. Or's.	4 26	7 39	4 21	7 44	4 13	7 49	4 5	7 53	3 58	7 58

PERIGEE AND APOGEE OF THE MOON.

Perigee, 4th day, 6h. M.

Apogee, 19th day, 1h. A.

PHASES OF THE MOON.

Full Moon, 3d day, 1h. 49.5m. M.

New Moon, 17th day, 11h. 24.3m. M.

Last Quarter, 9th day, 5h. 0.7m. A.

First Quarter, 25th day, 3h. 8.8m. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	h. m.	h. m.	h. m.
1	M.	5 43	6 26	5 45	6 24	5 46	6 22	5 49	6 20	5 50	6 19	10 25a	8 5a	6 25a
2	Tu.	42	27	43	25	45	23	48	21	49	20	11 6	8 46	7 6
3	W.	40	28	41	26	43	24	46	21	47	20	11 47	9 27	7 47
4	Th.	38	29	39	27	41	24	45	22	46	21	10 10	8 30	6 30
5	F.	36	30	37	28	40	25	44	23	45	21	0 30m	10 52	9 12
6	S.	34	31	35	29	38	26	42	23	44	22	1 12	11 37	9 57
7	Su.	5 32	6 32	5 33	6 30	5 36	6 27	5 41	6 24	5 43	6 22	1 57m	10 42a	9 42a
8	M.	31	33	32	31	35	28	39	25	41	23	2 42	0 22m	11 34
9	Tu.	29	34	30	32	33	29	38	25	40	23	3 34	1 14	11 26
10	W.	27	35	28	33	31	30	37	26	39	24	4 32	2 12	0 32m
11	Th.	26	36	27	34	30	31	35	27	38	24	5 46	3 26	1 46
12	F.	24	37	25	35	28	32	34	27	37	25	7 11	4 51	3 11
13	S.	23	38	24	36	27	33	33	28	36	25	8 29	6 9	4 29
14	Su.	5 21	6 39	5 23	6 37	5 26	6 34	5 32	6 29	5 35	6 26	9 31m	7 11m	5 31m
15	M.	19	40	21	39	24	35	31	30	34	27	10 17	7 57	6 17
16	Tu.	18	41	20	39	23	36	30	30	33	27	10 57	8 37	6 57
17	W.	16	42	18	40	22	37	29	31	32	28	11 30	9 10	7 30
18	Th.	14	43	16	41	20	38	28	32	31	29	0 5a	9 45	8 5
19	F.	13	44	15	42	19	39	27	32	30	29	0 35	10 15	8 35
20	S.	11	45	13	43	17	40	25	33	29	30	1 6	10 46	9 6
21	Su.	5 10	6 47	5 12	6 45	5 16	6 41	5 24	6 34	5 28	6 30	1 38a	11 18m	9 38m
22	M.	8	48	10	46	14	42	23	35	27	31	2 11	11 51	10 11
23	Tu.	6	49	9	47	13	43	22	35	26	31	2 45	0 25a	10 45
24	W.	5	50	8	48	12	44	21	36	25	32	3 27	1 7	11 27
25	Th.	3	52	6	49	10	45	20	37	24	33	4 16	1 56	0 16a
26	F.	2	53	5	50	9	46	19	37	23	33	5 20	3 0	1 20
27	S.	1	54	4	51	8	47	18	38	22	34	6 39	4 19	2 39
28	Su.	4 59	6 55	5 2	6 52	5 6	6 48	5 16	6 39	5 20	6 35	7 50a	5 30a	3 50a
29	M.	58	57	1	53	5	49	15	39	19	35	8 56	6 36	4 56
30	Tu.	56	58	0	54	3	50	14	40	18	36	9 47	7 27	5 47

## Passage of the Meridian (mean time) and Declination of the Planets.

2000 1775 1
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Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean time.						PHENOMENA AND OBSERVATIONS.
		Boston, &c.	N. York, &c.	Wash'tn, &c.	Cha'ton, &c.	N. Orl's, &c		
		rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	Washington Mean Time.	
1	10 58a	4 51a	4 51a	4 51a	4 51a	4 51a	d. h. m.	
2	11 52	6 7	6 5	6 4	5 59	5 59	1 2 4m. ☿ stationary.	
3	8	7 24	7 21	7 19	7 11	7 8	7 8 52m. ☿ in Perihelion.	
4	0 48m	8 42	8 38	8 34	8 21	8 19	7 9 37a. ☿ in sup. ☿ ☉	
5	1 47	9 57	9 52	9 48	9 33	9 28	8 5 57m. ☿ ☿ A <sup>1</sup> ☿ * 0 49 S.	
6	2 48	11 7	11 2	10 56	10 40	10 34	Good Friday.	
	S. 3 49m	...	...	11 56a	11 40a	11 34a	11 0 9m. ♀ ☿ ☿ ♀ 4 32 S.	
8	4 50	0 7m	0 1m	...	...	...	Easter Sunday.	
9	5 47	0 57	0 52	0 48m	0 34m	0 28m	12 7 22a. ☿ in ☿	
10	6 41	1 39	1 35	1 31	1 18	1 15	13 6 47m. ☿ ☿ v <sup>1</sup> ☿ * 1 13 S.	
11	7 31	2 13	2 11	2 8	1 58	1 55	14 3 26a. ♀ ☿ ☿ ♀ 6 37 S.	
12	8 18	2 43	2 41	2 38	2 33	2 31	15 4 0a. ☿ ☿ ☿ ☿ 5 58 S.	
13	9 2	3 10	3 10	3 9	3 5	3 5	16 2 57a. ☿ ☿ T ☿ * 1 46 S.	
	S. 9 46m	3 36m	3 36m	3 37m	3 37m	3 38m	17 8 50m. ☿ in Perihelion.	
15	10 28	3 59	4 1	4 2	4 5	4 8	Low Sunday.	
16	11 11	sets.	sets.	sets.	sets.	sets.	17 1 51a. ☿ ☿ ☿ ☿ 7 57 N.	
17	11 55	7 5a	7 3a	6 59a	6 49a	6 45a	18 0 0m. ☿ ☿ A <sup>1</sup> ☿ * 0 34 N.	
18	0 39a	8 4	8 0	7 56	7 43	7 39	18 2 41a. ☿ ☿ ☿ ☿ ♀ 1 52 S.	
19	1 26	9 1	8 57	8 53	8 38	8 33	19 7 47a. ☿ ☿ ☿ ☿	
20	2 14	9 56	9 51	9 46	9 30	9 27	21 10 44m. ☿ ☿ ☿ ☿ ♂ 0 20 S.	
	S. 3 3a	10 47a	10 42a	10 36a	10 20a	10 14a	21 11 56m. ☿ ☿ ☿ ☿ ♀ 2 45 N.	
22	3 52	11 31	11 27	11 22	11 6	11 1	2d Sunday after Easter.	
23	4 41	...	...	...	11 50	11 45	25 0 11a. ♂ ☿ v <sup>1</sup> ☿ * 0 21 N.	
24	5 30	0 12m	0 8m	0 4m	...	...	St. George.	
25	6 18	0 49	0 45	0 41	0 29m	0 25m	26 11 7a. ♀ ☿ ☿ ☿	
26	7 6	1 21	1 18	1 16	1 7	1 4	27 4 59a. ☿ great. Hel. Lat. N.	
27	7 54	1 55	1 53	1 50	1 44	1 43	28 3 4m. ☿ ☿ ☿ ☿ * 1 43 N.	
	S. 8 44a	2 20m	2 19m	2 19m	2 17m	2 17m	28 8 54m. ☿ ☿ ☿ ☿ * 0 20 S.	
29	9 35	2 49	2 50	2 51	2 52	2 54	3d Sunday after Easter.	
30	10 30	3 19	3 20	3 23	3 29	3 32	29 2 43a. ☿ great. Hel. Lat. N.	
							30 4 25a. ☿ ☿ B ☿ * 1 50 S.	

Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
Boston,	3 7m	8 47a	2 56m	8 57a	2 45m	9 7a	2 35m	9 17a	2 25m	9 23a
N. York,	3 14	8 40	3 4	8 49	2 54	8 58	2 45	9 8	2 36	9 18
Wash.	3 22	8 32	3 13	8 40	3 4	8 48	2 55	8 57	2 47	9 7
Charles.	3 43	8 11	3 36	8 17	3 28	8 24	3 22	8 30	3 17	8 37
N. Ori's.	3 51	8 3	3 45	8 8	3 38	8 14	3 33	8 20	3 28	8 26

PERIGEE AND APOGEE OF THE MOON.

Perigee, 2d day, 4h. A. | Apogee, 16th day, 5h. A. | Perigee, 31st day, 2h. M.

PHASES OF THE MOON.

Full Moon, 2d day, 10h. 8.1m. M. | First Quarter, 25th day, 2h. 21.9m. M.  
 Last Quarter, 9th " 3h. 14.5m. M. | Full Moon, 31st " 5h. 39.0m. A.  
 New Moon, 17th " 3h. 45.3m. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	h. m.	h. m.	h. m.
1 W.		4 54	6 59	4 59	6 55	5 2	6 52	5 13	6 41	5 17	6 37	10 35a	8 15a	6 35a
2 Th.		53	7 0	58	56	1	53	12	42	16	38	11 21	9 1	7 21
3 F.		52	1	57	57	0	54	11	43	15	39	11 21	9 48	8 8
4 S.		50	2	56	58	4 59	55	10	44	15	40	0 8m	10 36	8 56
5 Su.		4 49	7 3	4 55	6 59	4 58	6 55	5 10	6 45	5 14	6 40	0 56m	11 23a	9 43a
6 M.		48	4	54	7 0	57	56	9	45	13	41	1 43	11 23	10 32
7 Tu.		47	5	53	1	56	57	8	46	13	42	2 32	0 12m	11 23
8 W.		46	6	52	2	55	58	7	46	12	42	3 23	1 3	11 23
9 Th.		45	7	51	3	54	59	6	47	11	43	4 20	2 0	0 20m
10 F.		44	8	50	4	53	7 0	5	48	11	44	5 24	3 4	1 24
11 S.		43	9	49	5	52	1	5	48	10	44	6 38	4 18	2 38
12 Su.		4 42	7 10	4 48	7 6	4 51	7 2	5 4	6 49	5 9	6 45	7 44m	5 24m	3 44m
13 M.		41	11	47	7	50	3	3	50	9	45	8 48	6 28	4 48
14 Tu.		40	12	46	8	49	4	2	50	8	46	9 41	7 21	5 41
15 W.		39	13	44	9	48	5	2	51	7	46	10 22	8 2	6 22
16 Th.		38	14	43	10	47	6	1	51	7	47	11 3	8 43	7 3
17 F.		37	15	42	11	46	6	0	52	6	48	11 37	9 17	7 37
18 S.		36	16	41	12	45	7	0	52	6	48	0 12a	9 52	8 12
19 Su.		4 36	7 17	4 40	7 1	4 45	7 8	4 59	6 53	5 5	6 49	0 47a	10 27m	8 47m
20 M.		35	18	39	14	44	9	59	54	5	49	1 18	10 56	9 18
21 Tu.		34	19	38	14	43	9	58	54	4	50	1 54	11 34	9 54
22 W.		33	20	37	15	43	10	57	55	4	50	2 29	0 9a	10 29
23 Th.		32	21	36	16	42	11	57	55	3	51	3 11	0 51	11 11
24 F.		31	22	36	17	41	12	56	56	3	51	4 0	1 40	0 0a
25 S.		30	23	35	18	41	13	56	56	2	52	4 54	2 34	0 54
26 Su.		4 29	7 24	4 34	7 19	4 40	7 13	4 55	6 57	5 2	6 52	5 57a	3 37a	1 57a
27 M.		28	25	34	20	39	14	55	57	1	53	7 6	4 46	3 6
28 Tu.		28	26	33	21	38	15	54	58	1	53	8 10	5 30	4 10
29 W.		27	27	33	22	38	16	54	58	0	53	9 11	6 51	5 11
30 Th.		26	27	32	22	37	16	53	59	0	54	10 7	7 47	6 7
31 F.		26	28	31	23	37	17	53	7 0	0	54	11 1	8 41	7 1

## Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.
1 19a	+23 6	1 21a	+24 7	1 12a	+23 54	0 50a	+22 38	0 18a	+20 39
3 4	+26 24	3 8	+26 32	3 11	+26 20	3 13	+25 47	3 12	+24 56
1 55	+22 48	1 49	+23 22	1 43	+23 49	1 36	+24 8	1 30	+24 20
5 44m	+18 19	5 27m	+18 12	5 9m	+18 9	4 50m	+18 11	4 31m	+18 15
0 16a	+9 18	0 7a	+10 6	11 57	+10 53	11 47	+11 31	11 38	+12 8
1 31m	+23 32	1 3m	+24 31	0 35	+25 17	0 6	+25 51	11 34a	+26 14
1 36	+14 5	1 8	+14 6	0 39	+14 9	0 10	+14 12	11 36	+14 17
9 3	+3 13	9 43	+2 46	8 24	+2 20	8 4	+1 56	7 45m	+1 33
6 1	+18 54	5 38	+18 52	5 14	+18 52	4 51	+18 53	4 27	+18 54
9 39	+1 6	9 16	+1 13	8 54	+1 19	8 31	+1 25	8 9	+1 30

Days of Month.	Moon rises or sets. Mean time.					
	Moon Souths. Mean Time.		Boston, &c.		N. York, &c.	
	h. m.	rises. h. m.	h. m.	rises. h. m.	h. m.	rises. h. m.
1	11 27a	6 12a	6 10a	6 7a	5 53a	5 54a
2	8	7 30	7 25	7 22	7 8	7 4
3	0 28m	8 46	8 41	8 35	8 20	8 14
4	1 32	9 52	9 47	9 41	9 25	9 19
5	2 35m	10 48a	10 44a	10 39a	10 24a	10 18a
6	3 36	11 35	11 31	11 26	11 13	11 10
7	4 33	...	...	...	11 57	11 54
8	5 26	0 14m	0 11m	0 8m	...	...
9	6 15	0 45	0 43	0 40	0 34m	0 32m
10	7 1	1 13	1 13	1 12	1 7	1 7
11	7 45	1 40	1 40	1 40	1 39	1 40
12	8 27m	2 6m	2 6m	2 7m	2 10m	2 12m
13	9 10	2 30	2 31	2 35	2 40	2 40
14	9 53	2 56	2 59	3 2	3 11	3 15
15	10 37	3 24	3 28	3 32	3 43	3 49
16	11 23	sets.	sets.	sets.	sets.	sets.
17	0 11a	7 51a	7 47a	7 42a	7 26a	7 21a
18	0 59	8 44	8 39	8 33	8 17	8 11
19	1 49a	9 30a	9 26a	9 20a	9 5a	8 59a
20	2 38	10 12	10 7	10 4	9 59	9 54
21	3 27	10 49	10 45	10 41	10 28	10 24
22	4 15	11 22	11 20	11 16	11 6	11 3
23	5 2	11 52	11 50	11 48	11 42	11 40
24	5 49	...	...	...	...	...
25	6 36	0 20m	0 20m	0 19m	0 15m	0 15m
26	7 24a	0 47m	0 48m	0 48m	0 49m	0 50m
27	8 15	1 18	1 19	1 21	1 24	1 27
28	9 10	1 49	1 51	1 54	2 1	2 6
29	10 8	2 23	2 27	2 31	2 43	2 48
30	11 10	3 6	3 10	3 15	3 30	3 37
31	8	3 56	4 2	4 7	4 25	4 33

## PHENOMENA AND OBSERVATIONS.

## Sundays and Holidays.

## Washington Mean Time.

d. h. m.		
1 1 25a.	☿ ☽ ☿ * i 10 N.	
5 2 17m.	☿ gr. elon. 21 7 E.	
8 8 36m.	☿ ☽ ☿ h 4 50 S.	
8 7 24a.	☿ ☽ ☿	
4th Sunday after Easter.		
10 4 22m.	☿ ☽ ☿ * 0 31 S.	
11 2 34m.	☿ ☽ ☿ intens. of lt. 0.661	
12 8 18m.	☿ ☽ ☿ 2 6 43 S.	
12 8 4a.	☿ ☽ ☿ * 1 5 S.	
13 0 25m.	☿ ☽ ☿ 6 1 S.	
14 7 46m.	☿ gr. elon. 45 22 E.	
Rogation Sunday.		
17 5 40m.	☿ stationary.	
17 10 43m.	☿ stationary.	
18 10 32m.	☿ ☽ ☿ ☿ 0 32 N.	
Ascension Day.		
19 7 43m.	☿ ☽ ☿ ☿ 1 40 N.	
19 8 34a.	☿ ☽ ☿ ☿ 0 42 N.	
Sunday after Ascension.		
20 7 6m.	☿ in Perihelion.	
20 3 20a.	☿ ☽ ☿ intens. of lt. 1.036	
21 4 55m.	☿ in ☿	
21 8 11a.	☿ ☽ ☿ ☿ 5 57 N.	
Queen Victoria b. 1819.		
24 4 23a.	☿ in ☿	
Whit Sunday. Pentecost.		
27 0 44a.	☿ ☽ ☿ ☿ * 0 29 N.	
28 0 20m.	☿ ☽ ☿ ☿ * 0 14 N.	
28 5 15a.	☿ in Inf. ☿ ☽	
31 8 30	☿ in Aphelion.	
Moon Ecl. part. vis. in U. S.		

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston,	2 17m	9 37m	2 12m	9 44 a	2 9m	9 50 a	2 9m	9 54a	2 9m	9 55a
N. York,	2 29	9 25	2 25	9 31	2 23	9 37	2 22	9 40	2 23	9 41
Wash.	2 41	9 13	2 37	9 19	2 36	9 24	2 35	9 27	2 36	9 28
Charles.	3 13	8 41	3 10	8 46	3 10	8 50	3 10	8 52	3 11	8 53
N. Orl's.	3 24	8 30	3 22	8 34	3 22	8 38	3 22	8 34	3 23	8 41

APOGEE AND PERIGEE OF THE MOON.

Apogee, 12th day, 11h. A.

Perigee, 28th day, 9h. M.

PHASES OF THE MOON.

Last Quarter, 7th day, 3h. 21.1m. M.

First Quarter, 23d day, 10h. 16.2m. M.

New Moon, 15th " 7h. 17.9m. A.

Full Moon, 30th " 1h. 8.5m. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.	h. m.	h. m.
1	S.	4 25	7 29	4 31	7 24	4 36	7 18	4 53	7 1	5 0	6 55	11 53a	9 33a	7 53a
2	Su.	4 24	7 29	4 30	7 24	4 36	7 19	4 53	7 1	4 59	6 55	• • •	10 25a	8 45a
3	M.	24	30	30	25	35	19	53	2	59	56	0 45m	11 12	9 32
4	Tu.	23	31	29	26	35	20	53	2	59	56	1 32	• • •	10 20
5	W.	23	32	29	26	35	20	52	3	59	57	2 20	0 0m	11 8
6	Th.	23	33	29	27	34	21	52	3	59	57	3 8	0 48	11 58
7	F.	22	33	28	28	34	21	52	4	59	58	3 58	1 38	• • •
8	S.	22	34	28	28	34	22	52	4	59	58	4 50	2 30	0 50m
9	Su.	4 22	7 35	4 29	7 29	4 34	7 23	4 52	7 5	4 59	6 59	5 49m	3 29m	1 49m
10	M.	22	35	28	29	34	23	52	5	59	59	6 53	4 33	2 53
11	Tu.	22	36	28	30	34	24	52	6	59	7 0	7 52	5 32	3 52
12	W.	22	37	28	30	34	25	52	6	59	0	8 55	6 35	4 55
13	Th.	22	37	28	31	34	25	52	7	59	1	9 51	7 31	5 51
14	F.	22	38	28	31	34	26	52	7	59	1	10 34	8 14	6 34
15	S.	22	38	28	32	33	27	52	8	59	2	11 15	8 55	7 15
16	Su.	4 22	7 38	4 28	7 32	4 33	7 27	4 52	7 8	4 59	7 2	11 53m	9 33m	7 53m
17	M.	22	38	28	33	33	27	52	9	59	3	0 28a	10 8	8 28
18	Tu.	22	39	28	33	33	28	52	9	59	3	1 3	10 43	9 3
19	W.	23	39	29	34	34	28	52	10	59	3	1 38	11 18	9 38
20	Th.	23	39	29	34	34	28	52	10	59	4	2 14	11 54	10 14
21	F.	23	39	29	34	34	28	52	10	59	4	2 54	0 34a	10 54
22	S.	23	39	29	34	34	29	52	11	59	4	3 39	1 19	11 39
23	Su.	4 23	7 40	4 29	7 35	4 34	7 29	4 52	7 11	4 59	7 4	4 27a	2 7a	0 27a
24	M.	24	40	30	35	35	29	53	11	5 0	4	5 21	3 1	1 21
25	Tu.	24	40	30	35	35	29	53	11	0	4	6 29	4 9	2 29
26	W.	24	40	30	35	35	29	53	11	0	4	7 34	5 14	3 34
27	Th.	25	40	30	35	36	29	53	11	0	4	8 46	6 26	4 46
28	F.	25	40	31	35	36	29	54	11	1	5	9 52	7 32	5 52
29	S.	25	40	31	35	36	29	54	11	1	5	10 52	8 32	6 52
30	Su.	4 25	7 40	4 31	7 35	4 36	7 29	4 54	7 11	5 1	7 5	11 44a	9 24a	7 44a

## Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.
11 36m	18 13		11 4m	16 55	10 42m	16 46	10 30m	17 42	10 29m	19 24
3 9a	23 49		3 4 a	22 22	2 55 a	20 57	2 43 a	19 30	2 27 a	18 4
1 23	24 25		1 17	24 22	1 10	24 11	1 3	23 53	0 57	23 29
4 6m	18 28		3 44m	18 45	3 21m	19 8	2 57m	19 37	2 32m	20 11
11 27	12 45		11 18	13 13	11 8	13 37	10 59	13 55	10 49	14 10
10 59 a	26 21		10 32 a	26 14	10 4 a	25 54	9 38 a	25 25	9 12 a	24 43
11 2	14 25		10 33	14 34	10 5	14 45	9 38	14 58	9 11	15 15
7 21m	1 9		7 1m	0 50	6 40m	0 33	6 19m	0 19	5 57m	0 6
3 59	18 57		3 35	19 0	3 10	19 4	2 46	19 9	2 21	19 15
7 42	1 35		7 19	1 39	6 56	1 43	6 32	1 45	6 9	1 47

Days of Month	Moon Souths. Mean Time.	Moon rises or sets. Mean Time.					PHENOMENA AND OBSERVA- TIONS.
		Boston, &c.	N. York, &c.	Wash'tn, &c.	Char'ston, &c.	N. Orl's, &c.	
	h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	Washington Mean Time.
1	0 12m	8 32a	8 27a	8 22a	8 6a	8 0a	d. h. m.
S. 1	1 17m	9 25a	9 20a	9 16a	9 2a	8 57a	3 330a. ☿ 6 ☿ ☿ 4 40 N.
3	2 18	10 9	10 6	10 2	9 50	9 47	Trinity Sunday.
4	3 15	10 44	10 41	10 40	10 31	10 28	4 4 43a. ♃ 6 ☿ ☿ 4 56 S.
5	4 7	11 16	11 14	11 12	11 6	11 6	8 11 16a. ♃ 6 ☿ ☿ 6 45 S.
6	4 56	11 42	11 42	11 42	11 40	11 40	9 8 30m. ☿ 6 ☿ ☿ 6 2 S.
7	5 42	...	...	...	...	...	Corpus Christi. Fête Dieu.
8	6 25	0 9m	0 10m	0 10m	0 12m	0 13m	8 7 9a. ☿ stationary.
S. 7	8m	0 34m	0 36m	0 37m	0 41m	0 44m	12 9 17a. ☿ stationary.
10	7 51	1 0	1 2	1 4	1 12	1 16	1st Sunday after Trinity.
11	8 35	1 27	1 30	1 34	1 45	1 50	14 2 51m. ☿ 6 ☿ ☿ 5 7 S.
12	9 20	1 58	2 3	2 7	2 20	2 27	14 4 11m. ☿ 6 ☿ ☿ * 1 35 S.
13	10 7	2 33	2 38	2 43	2 59	3 5	16 1 55m. ☿ 6 ☿ ☿ * 0 6 N.
14	10 56	sets.	sets.	sets.	sets.	sets.	16 10 25m. ☿ at greatest brill.
15	11 45	7 23a	7 24a	7 18a	7 2a	6 57a	17 4 12m. ☿ 6 ☿ ☿ 3 29 N.
S. 8	0 35a	8 12a	8 7a	8 3a	7 43a	7 43a	Eclip. of Sun, invis. in U. S.
17	1 24	8 51	8 47	8 42	8 29	8 26	2d Sunday after Trinity.
18	2 13	9 25	9 22	9 19	9 8	9 5	19 6 32m. ☿ 6 ☿ ☿ 5 16 N.
19	3 1	9 56	9 53	9 51	9 44	9 41	19 6 21a. ☿ 6 ☿ ☿ * 0 44 S.
20	3 48	10 24	10 24	10 22	10 18	10 19	20 7 1a. ☿ gr. Hel. Lat. S.
21	4 34	10 52	10 51	10 52	10 50	10 51	21 1 51m. ☿ 6 ☿ ☿ * 1 56 S.
22	5 19	11 19	11 20	11 21	11 26	11 26	21 3 38m. ☉ ent. ☿ Sum. beg.
S. 6	8a	11 48a	11 51a	11 53a	11 59a	...	22 9 55a. ☿ gr. elon. 22 8W.
24	6 59	...	...	...	...	0 2m	3d Sunday after Trinity.
25	7 54	6 21m	0 25m	0 27m	0 37m	0 43	St. John, Baptist.
26	8 52	0 53	1 3	1 7	1 20	1 27	23 7 0m. ☿ 6 ☿ ☿ 40 14 N.
27	9 54	1 44	1 48	1 54	2 10	2 18	23 7 58a. ♃ ☿ ☿
28	10 57	rises.	rises.	rises.	rises.	rises.	24 4 7a. ☿ in ☿
29	11 59	7 11a	7 7a	7 2a	6 47a	6 41a	27 3 52a. ☿ ☿ ☿
S. 8	8	8 0a	7 55a	7 51a	7 38a	7 34a	30 0 48a. ☿ stationary.
							4th Sunday after Trinity.



## Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston,	2 12m	9 54a	2 19m	9 49a	2 26m	9 44a	2 35m	9 37a	2 44m	9 28a
N. York,	2 26	9 40	2 32	9 36	2 39	9 31	2 46	9 25	2 54	9 18
Wash.	2 39	9 27	2 44	9 24	2 51	9 19	2 58	9 14	3 5	9 7
Charles.	3 13	8 53	3 17	8 51	3 22	8 48	3 27	8 45	3 32	8 40
N. Ori's.	3 25	8 41	3 29	8 39	3 33	8 37	3 37	8 34	3 42	8 30

## APOGEE AND PERIGEE OF THE MOON.

Apogee, 10th day, 0h. A.

Perigee, 26th day, 6h. M.

## PHASES OF THE MOON.

Last Quarter, 7th day, 5h. 41.8m. M. First Quarter, 22d day, 4h. 4.5m. A.  
 New Moon, 15th " 9h. 15.1m. M. Full Moon, 29th " 9h. 25.2m. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.	h. m.	h. m.
1 M.	4 26	7 40	4 31	7 35	4 37	7 29	4 55	7 11	5 1	7 5	4	0 34m	11 1	9 21
2 Tu.	26	40	32	35	37	29	55	11	1	4	5	0 34m	11 1	9 21
3 W.	27	40	32	35	38	29	56	11	1	4	4	1 21	11 46	10 6
4 Th.	27	39	33	34	38	28	56	11	2	4	4	2 6	11 46	10 48
5 F.	28	39	33	34	39	28	57	11	2	4	4	2 48	0 28m	11 30
6 S.	29	39	34	34	40	28	57	11	3	4	4	3 30	1 10	11 30
7 Su.	4 30	7 39	4 35	7 34	4 40	7 28	4 58	7 11	5 4	7 4	4	4 13m	1 54m	0 13m
8 M.	30	38	35	33	41	27	58	10	4	3	3	4 59	2 39	0 59
9 Tu.	31	38	36	33	42	27	59	10	5	3	3	5 51	3 31	1 51
10 W.	32	38	37	33	42	27	5 0	10	5	3	3	6 58	4 38	2 58
11 Th.	33	37	38	32	43	26	0	10	6	3	3	8 5	5 45	4 5
12 F.	33	37	39	32	44	26	1	9	6	2	2	9 14	6 54	5 14
13 S.	34	36	39	31	45	25	1	9	7	2	2	10 9	7 49	6 9
14 Su.	4 35	7 36	4 40	7 31	4 45	7 25	6 2	7 9	5 8	7 2	2	10 63m	8 33m	6 63m
15 M.	36	35	41	30	46	24	3	8	8	2	2	11 33	9 13	7 33
16 Tu.	37	34	42	29	47	24	3	8	9	1	1	0 10a	9 50	8 10
17 W.	38	34	43	29	48	23	4	8	10	1	1	0 48	10 28	8 48
18 Th.	39	33	44	28	49	23	4	7	10	1	1	1 21	11 1a	9 21
19 F.	39	32	44	27	50	22	5	7	11	0	0	1 58	11 38	9 58
20 S.	40	32	45	27	50	21	5	7	11	0	0	2 34	0 14a	10 34
21 Su.	4 41	7 31	4 46	7 26	4 51	7 21	5 6	7 6	5 12	6 59	3	3 15a	0 55a	11 15m
22 M.	42	30	47	25	52	20	7	5	12	59	3	3 59	1 39	11 59
23 Tu.	43	29	48	24	53	19	7	5	13	58	4	4 51	2 31	0 51a
24 W.	44	28	49	23	53	18	8	4	13	57	5	5 52	3 32	1 52
25 Th.	45	27	49	22	54	17	8	3	14	57	7	7 11	4 51	3 11
26 F.	46	26	50	22	55	17	9	3	14	56	8	8 32	6 12	4 32
27 S.	47	25	51	21	56	16	10	2	15	55	9	9 45	7 25	5 45
28 Su.	4 48	7 24	4 52	7 20	4 58	7 15	5 11	7 1	5 16	6 55	10	10 26a	8 26a	6 26a
29 M.	49	23	53	19	57	14	11	0	16	64	11	11 37	9 17	7 37
30 Tu.	50	22	54	18	58	14	12	0	17	54	12	12 4	10 4	8 24
31 W.	51	21	55	17	59	13	13	6 59	18	53	13	0 24m	10 44	9 4

## Passage of the Meridian (mean time) and declination of the Planets

2000
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## Moon rises or sets. Mean Time.

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time.					
		Boston, &c.	N. York, &c.	Washington, &c.	Charleston, &c.	N. Ori's, &c.	
		rises.	rises.	rises.	rises.	rises.	
1	0 59m	8 39a	8 37a	8 33a	8 23a	8 20a	
2	1 54	9 15	9 12	9 10	9 4	9 2	
3	2 46	9 42	9 42	9 41	9 37	9 37	
4	3 34	10 10	10 10	10 10	10 10	10 11	
5	4 20	10 36	10 36	10 37	10 43	10 45	
6	5 4	11 2	11 34	11 7	11 13	11 16	
S.	5 43m	11 29a	11 33a	11 36a	11 45a	11 50a	
8	6 32	...	...	...	...	...	
9	7 16	0 0m	0 3m	0 8m	0 19m	0 26m	
10	8 3	0 33	0 36	0 43	0 57	1 4	
11	8 51	1 11	1 16	1 22	1 37	1 45	
12	9 40	1 55	2 1	2 6	2 23	2 32	
13	10 30	2 45	2 51	2 58	3 14	3 22	
S.	11 19m	sets.	sets.	sets.	sets.	sets.	
15	0 9a	7 23a	7 24a	7 20a	7 8a	7 4a	
16	0 57	7 59	7 56	7 54	7 45	7 43	
17	1 44	8 29	8 27	8 25	8 20	8 19	
18	2 31	8 57	8 56	8 56	8 53	8 53	
19	3 18	9 24	9 25	9 25	9 27	9 29	
20	4 6	9 53	9 54	9 56	10 1	10 3	
S.	4 55a	10 23a	10 25a	10 29a	10 36a	10 41a	
22	5 47	10 59	11 2	11 7	11 19	11 24	
23	6 43	11 39	11 43	11 49	...	...	
24	7 41	...	...	...	0 3m	0 11m	
25	8 42	0 27m	0 33m	0 39m	0 55	1 3	
26	9 43	1 24	1 31	1 36	1 54	2 3	
27	10 43	rises	rises.	rises.	rises.	rises.	
S.	11 40a	6 34a	6 31a	6 27a	6 15a	6 12a	
29	8	7 10	7 9	7 6	6 57	6 54	
30	0 33m	7 43	7 41	7 39	7 34	7 34	
31	1 24	8 10	8 9	8 10	8 8	8 8	

## PHENOMENA AND OBSERVATIONS.

## Sundays and Holydays.

## Washington Mean Time.

d. h. m.			
2	0 18m.	h 6 C	h 4 52 S.
2	5 7a.	☉ in Apogee.	
6	11 46m.	☿ 6 C	☿ 6 43 S.
Independence declared 1776.			
6	4 34a.	☿ 6 C	☿ 5 57 S.
8	1 55a.	h 6 v h	* 0 48 N.
5th Sunday after Trinity.			
9	6 38a.	☿ in ☿	
11	7 0m.	☿ stationary.	
11	0 12a.	☿ stationary.	
12	7 0m.	☿ stationary.	
14	8 6m.	☿ in Perihelion.	
14	5 26a.	☿ 6 C	☿ 3 35 N.
6th Sunday after Trinity.			
16	0 7m.	☿ 6 C	☿ 5 2 N.
16	7 43m.	☿ 6 C	☿ 0 39 S.
19	6 45a.	☿ 6 h	☿ 6 36 S.
20	0 1m.	☿ 6 h	☿ 3 30 S.
21	0 27a.	☿ in sup.	☉
22	1 21m.	☿ 6 ☿	☿ 7 41 N.
7th Sunday after Trinity.			
23	11 41m.	☿ in Inf.	☉
24	8 1m.	☿ stationary.	
24	10 47m.	☿ 6 h	☿ 0 38 N.
24	4 13a.	☿ gr. Hel.	Lat. N.
25	3 8m.	☿ ☉ intens.	of lt. 1.428
26	6 27a.	h 8 ☉	
8th Sunday after Trinity.			
28	6 52m.	☿ in Aphelion.	
28	6 46m.	h 6 C	h 4 45 S.
31	7 0m.	☿ gr. Hel.	Lat. S.

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
Boston,	2 55m	9 17a	3 5m	9 5a	3 15m	8 53 a	3 24m	8 42a	3 34m	8 30a
N. York,	3 4	9 8	3 14	8 56	3 23	8 45	3 32	8 34	3 40	8 24
Wash.	3 14	8 58	3 22	8 48	3 30	8 38	3 38	8 28	3 46	8 18
Charles.	3 39	8 33	3 45	8 25	3 50	8 18	3 56	8 10	4 2	8 2
N. Orl's.	3 43	8 24	3 54	8 16	3 59	8 9	4 4	8 2	4 8	7 56

APOGEE AND PERIGEE OF THE MOON.

Apogee, 7th day, 5h. M.

Perigee, 21st day, 10h. M.

PHASES OF THE MOON.

Last Quarter, 5th day, 10h. 15.2m. A. First Quarter, 20th day, 9h. 7.4m. A.  
 New Moon, 13th " 9h. 23.4m. A. Full Moon, 27th " 7h. 25.4m. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	h. m.	h. m.	h. m.
1	Th.	4 32	7 20	4 56	7 16	5 0	7 12	5 13	6 58	5 19	6 53	1 4m	11 21a	9 41a
2	F.	53	19	57	15	1	12	14	57	19	52	1 41	11 58	10 19
3	S.	54	18	58	14	1	10	14	56	20	51	2 18	• • •	10 55
4	Su.	4 55	7 16	4 59	7 13	5 2	7 9	5 15	6 55	5 20	6 50	2 53m	0 35m	11 30a
5	M.	56	15	5 0	12	3	8	16	54	21	49	3 30	1 10	• • •
6	Tu.	57	14	1	11	4	7	16	53	21	48	4 10	1 50	0 10m
7	W.	58	13	2	10	5	6	17	52	22	48	4 55	2 35	0 55
8	Th.	59	11	3	8	6	4	18	51	23	47	5 56	3 36	1 56
9	F.	5 0	10	4	7	7	3	19	50	23	46	7 16	4 56	3 16
10	S.	1	9	5	6	8	2	19	49	24	45	8 36	6 16	4 36
11	Su.	5 2	7 8	5 6	7 5	5 9	7 0	5 20	6 48	5 24	6 44	9 42m	7 22m	5 42m
12	M.	3	7	7	3	10	6 59	20	47	25	43	10 31	8 11	6 31
13	Tu.	4	5	8	2	11	58	21	46	25	42	11 11	8 51	7 11
14	W.	5	4	9	0	12	57	22	45	26	42	11 49	9 29	7 49
15	Th.	6	2	10	6 59	13	55	22	44	27	41	0 25a	10 5	8 25
16	F.	7	1	11	58	14	54	23	43	27	40	0 59	10 39	8 59
17	S.	8	6 59	12	57	15	53	24	42	28	39	1 35	11 15	9 35
18	Su.	5 9	6 58	5 13	6 55	5 16	6 52	5 24	6 41	5 28	6 38	2 12a	11 52m	10 12m
19	M.	10	56	14	54	17	59	25	40	29	37	2 51	0 31a	10 51
20	Tu.	11	55	15	53	18	49	26	39	29	36	3 36	1 16	11 36
21	W.	12	54	16	51	19	48	27	38	30	35	4 26	2 6	0 26a
22	Th.	14	52	17	50	20	46	27	37	30	34	5 33	3 13	1 33
23	F.	15	51	18	49	21	45	28	36	31	33	6 58	4 38	2 58
24	S.	16	49	19	47	21	43	29	35	32	32	8 28	6 8	4 28
25	Su.	5 17	6 48	5 20	6 45	5 22	6 42	5 29	6 34	5 32	6 31	9 39a	7 19a	5 39a
26	M.	18	46	21	43	23	41	30	33	33	30	10 36	8 16	6 36
27	Tu.	19	44	22	41	24	39	31	32	34	29	11 22	9 2	7 22
28	W.	20	42	23	40	25	38	32	31	34	28	• • •	9 43	8 3
29	Th.	21	41	24	38	26	36	32	29	35	27	0 3m	10 20	8 40
30	F.	22	39	25	36	27	34	33	28	35	26	0 40	10 54	9 14
31	S.	23	37	26	34	28	33	34	26	36	24	1 14	11 27	9 47

## Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.
0 54a	+16 2	1 11a	+11 56	1 24a	+7 30	1 32a	+3 26	1 36a	-0 32
11 4m	+14 3	10 31m	+14 19	10 4m	+14 42	9 43m	+15 6	9 27m	+15 26
0 11 a	+19 45	0 4a	+17 40	11 55	+16 32	11 46	+15 19	11 37	+14 4
11 32	+24 42	11 3	+25 17	10 35a	+25 46	10 7a	+26 10	9 41a	+26 26
9 49m	+13 51	9 39m	+13 31	9 29m	+13 7	9 19m	+12 40	9 7m	+12 9
6 49a	+18 14	6 28a	+18 10	6 8a	+17 6	5 48a	+16 5	5 29a	+15 0
6 48	+17 43	6 27	+16 11	6 8	+18 44	5 49	+19 15	5 30	+19 47
3 36m	+0 12	3 12m	+0 4	2 47m	-0 5	2 22m	-0 17	1 57m	-0 31
11 41a	+19 56	11 15a	+20 3	10 50a	+20 9	10 23a	+20 15	10 0a	+20 20
3 43m	+1 45	3 19m	+1 42	2 55m	+1 38	2 31m	+1 35	2 7m	+1 30

## Moon rises or sets. Mean time.

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean time.				
		Boston, &c.	N. York, &c.	Wash'ton, &c.	Char'ton, &c.	N. Ott's, &c.
	h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.
1	2 11m	8 37a	9 38a	9 38a	8 41a	8 42a
2	2 57	9 4	0 5	9 8	9 12	9 15
3	4 41	9 30	9 34	9 36	9 44	9 48
4	4 26m	10 10a	10 13a	10 17a	10 18a	10 34a
5	5 11	10 32	10 37	10 41	10 55	11 2
6	5 57	11 9	11 13	11 19	11 35	11 42
7	6 44	11 52	11 57	...	...	...
8	7 33	...	...	0 3m	0 20m	1 27m
9	8 22	0 40m	0 46m	0 52	1 9	1 16
10	9 12	1 33	1 38	1 44	2 0	1 7
11	10 2m	2 30m	2 34m	2 40m	2 55m	3 2m
12	10 51	3 32	3 37	3 41	3 54	4 0
13	11 39	sets.	sets.	sets.	sets.	sets.
14	0 27a	7 0a	7 0a	6 58a	6 55a	6 54a
15	1 15	7 29	7 29	7 28	7 29	7 30
16	2 3	7 57	7 58	8 0	8 3	8 6
17	2 53	8 28	8 30	8 33	8 40	8 43
18	3 15a	9 0a	9 4a	9 8a	9 19a	9 24a
19	4 39	9 39	9 44	9 49	10 2	10 9
20	5 36	10 25	10 30	10 36	10 51	11 0
21	6 35	11 18	11 24	11 30	11 47	11 56
22	7 24	...	...	...	...	...
23	8 32	0 19m	0 24m	0 30m	0 47m	0 56m
24	9 30	1 25	1 30	1 35	1 50	1 59
25	10 23a	2 35m	2 39m	2 44m	2 57m	3 3m
26	11 14	rises.	rises.	rises.	rises.	rises.
27	8	6 10a	6 10a	6 8a	6 5a	6 4
28	0 2m	6 39	6 39	6 39	6 39	6 39
29	0 49	7 5	7 6	7 8	7 11	7 14
30	1 34	7 33	7 35	7 37	7 44	7 47
31	2 19	8 1	8 4	8 8	8 18	8 22

## PHENOMENA AND OBSERVATIONS.

## Sundays and Holidays.

Washington Mean Time.			
d.	h. m.		
2	8 50a.	2 6 40 S.	
3	0 31m.	3 5 48 S.	
4	1 30m.	4 0 39 S.	
9th Sunday after Trinity.			
4	10 37m.	4 10 59 S.	
4	11 40a.	4 11 40 S.	
7	9 30a.	7 9 30 S.	
10	7 0m.	10 7 0 S.	
11	2 53a.	11 2 53 S.	
13	7 13a.	13 7 13 S.	
10th Sund. aft. Trinity. Meteoric Period.			
13	7 50a.	13 7 50 S.	
15	9 43m.	15 9 43 S.	
15	7 37a.	15 7 37 S.	
17	4 11m.	17 4 11 S.	
17	6 30m.	17 6 30 S.	
18	7 0m.	18 7 0 S.	
11th Sunday after Trinity.			
16	2 22a.	16 2 22 S.	
20	0 44a.	20 0 44 S.	
20	5 31a.	20 5 31 S.	
21	5 22m.	21 5 22 S.	
22	5 31m.	22 5 31 S.	
23	7 24m.	23 7 24 S.	
12th Sunday after Trinity.			
25	11 43m.	25 11 43 S.	
27	7 44m.	27 7 44 S.	
28	0 8a.	28 0 8 S.	
30	1 30m.	30 1 30 S.	
30	1 50m.	30 1 50 S.	
30	7 47m.	30 7 47 S.	

## Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	3 44m	8 16a	3 51m	8 4a	3 59m	7 52a	4 7m	7 40a	4 16m	7 28a
N. York,	3 49	8 11	3 56	8 0	4 3	7 49	4 10	7 37	4 18	7 26
Wash.	3 54	8 6	4 0	7 56	4 7	7 45	4 14	7 34	4 21	7 23
Charles.	4 8	7 52	4 12	7 43	4 17	7 34	4 22	7 25	4 28	7 16
N. Ori's.	4 14	7 46	4 17	7 39	4 21	7 31	4 25	7 22	4 30	7 14

## APOGEE AND PERIGEE OF THE MOON.

Apogee, 4th day, Noon.

Perigee, 15th day, 11h. A.

## PHASES OF THE MOON.

Last Quarter, 4th day, 4h. 35.2m. A. | First Quarter, 19th day, 2h. 44.0m. M.  
 New Moon, 12th " 8h. 8.0m. M. | Full Moon, 26th " 8h. 5.3m. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Washington, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.	h. m.	h. m.
1 Su.		5 24	6 36	5 27	6 33	5 29	6 31	5 35	6 25	5 37	6 23	1 47m	• • •	10 20a
2 M.		26	35	28	32	30	30	35	24	37	22	2 20	0 0m	11 03
3 Tu.		27	33	29	30	31	28	36	22	38	21	2 53	0 33	11 30
4 W.		28	31	30	29	32	27	37	21	39	19	3 30	1 10	• • •
5 Th.		29	30	31	27	33	25	37	20	39	18	4 12	1 52	0 12m
6 F.		30	28	32	26	34	24	38	19	39	17	5 7	2 47	1 7
7 S.		31	26	33	24	35	23	38	18	40	16	6 28	4 8	2 28
8 Su.		5 32	6 25	5 34	6 23	5 35	6 21	5 39	6 16	5 40	6 15	7 52m	5 32m	3 52m
9 M.		33	23	35	21	36	20	40	15	41	13	9 5	6 45	5 5
10 Tu.		34	21	36	19	37	18	40	14	42	12	9 59	7 39	5 59
11 W.		35	19	37	18	38	17	41	12	42	11	10 42	8 22	6 42
12 Th.		36	17	38	16	39	15	42	11	43	10	11 21	9 1	7 21
13 F.		37	16	39	14	40	13	42	9	43	8	11 36	9 36	7 38
14 S.		38	14	40	12	41	12	43	8	44	7	0 30a	10 10	8 30
15 Su.		5 39	6 12	5 41	6 10	5 41	6 10	5 43	6 7	5 44	6 8	1 9a	10 49m	9 9m
16 M.		40	11	42	8	42	9	44	6	45	5	1 50	11 30	9 50
17 Tu.		41	9	42	7	43	7	45	5	45	4	2 30	0 10a	10 30
18 W.		42	7	43	5	44	5	45	4	46	3	3 17	0 57	11 17
19 Th.		43	5	44	4	44	4	46	3	46	2	4 11	1 51	0 11a
20 F.		44	4	45	2	45	2	47	1	47	1	5 24	3 4	1 24
21 S.		45	2	46	1	46	1	47	0	47	0	6 53	4 33	2 53
22 Su.		5 46	6 0	5 47	5 59	5 47	5 59	5 48	5 59	5 48	5 58	8 21a	6 1a	4 21a
23 M.		47	5 58	48	57	48	57	48	57	48	57	9 28	7 8	5 28
24 Tu.		48	56	49	55	49	55	49	55	49	55	10 19	7 59	6 19
25 W.		49	54	50	53	50	53	50	54	50	54	11 1	8 41	7 1
26 Th.		50	52	51	52	51	52	50	53	50	53	11 37	9 17	7 37
27 F.		51	50	52	50	52	51	51	51	51	51	• • •	9 52	8 12
28 S.		53	49	53	49	53	49	52	50	51	50	0 12m	10 26	8 46
29 Su.		5 54	5 47	5 54	5 47	5 54	5 47	5 52	5 43	5 52	5 49	0 46m	10 53a	9 18a
30 M.		55	45	55	45	55	45	53	47	52	48	1 18	11 23	9 48

## Passage of the Meridian (mean time) and Declination of the Planets.

2006 JAN 27 H	1st day		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.
	1 36a	— 4 39	1 29a	— 7 25	1 15a	— 9 4	0 48a	— 8 56	0 9a	— 6 24
	9 13m	+15 39	9 6m	+15 36	9 1m	+15 19	8 57m	+14 45	8 56m	+13 55
	11 27	+12 31	11 18	+11 9	11 8	+9 44	10 59	+8 15	10 50	+6 49
	9 12a	—26 39	8 48a	—26 44	8 25a	—26 45	8 4a	—26 40	7 43a	—26 32
	8 64m	+11 30	8 42m	+10 52	8 30m	+10 12	8 17m	+9 30	8 4m	+8 46
	5 7a	+13 49	4 49a	+12 50	4 31a	+11 51	4 14a	+10 54	3 57a	+10 1
	5 9	—20 25	4 52	—20 53	4 35	—21 24	4 19	—21 55	4 3	—22 25
	1 26m	—0 50	1 0m	—1 7	0 34m	—1 26	0 8m	—1 45	11 36a	—2 8
	9 30a	—20 25	9 6a	—20 29	8 41a	—20 32	8 17a	—20 35	7 53a	—20 36
	1 39m	+1 25	1 14m	+1 19	0 50m	+1 14	0 25m	+1 8	11 57	+1 2

## Moon rises or sets. Mean Time.

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time.				
		Boston, &c.	N. York, &c.	Wash'ton, &c.	Cha'ston, &c.	N. Ori's, &c.
	h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.
S. 3 4m	8 33a	8 37a	8 41a	8 53a	8 59a	
2 3 50	9 7	9 12	9 17	9 31	9 38	
3 4 37	9 46	9 51	9 57	10 14	10 21	
4 5 25	10 31	10 37	10 44	11 0	11 8	
5 6 14	11 22	11 27	11 34	11 50	11 58	
6 7 3	...	...	...	...	...	
7 7 52	0 17m	0 22m	0 28m	0 43m	0 50m	
S. 8 41m	1 17m	1 22m	1 26m	1 40m	1 47m	
9 9 30	2 21	2 24	2 28	2 39	2 45	
10 10 19	3 25	3 29	3 31	3 39	3 43	
11 11 6	4 33	4 34	4 36	4 40	4 44	
12 11 55	sets.	sets.	sets.	sets.	sets.	
13 0 46a	6 28a	6 31a	6 32a	6 39a	6 41a	
14 1 38	7 2	7 5	7 8	7 17	7 23	
S. 2 33a	7 40a	7 45a	7 49a	8 2a	8 7a	
16 3 31	8 24	8 29	8 35	8 50	8 57	
17 4 30	9 15	9 21	9 27	9 43	9 52	
18 5 29	10 14	10 19	10 25	10 42	10 51	
19 6 27	11 18	11 22	11 28	11 44	11 52	
20 7 24	...	...	...	...	...	
21 8 18	0 27m	0 31m	0 36m	0 49m	0 55m	
S. 9 8a	1 34m	1 37m	1 42m	1 51m	1 58m	
23 9 57	2 42	2 45	2 47	2 55	2 59	
24 10 43	rises.	rises.	rises.	rises.	rises.	
25 11 28	5 7a	5 8a	5 8a	5 11a	5 13a	
26 8	5 34	5 36	5 38	5 43	5 46	
27 0 13m	6 2	6 5	6 8	6 16	6 20	
28 0 59	6 32	6 36	6 40	6 50	6 56	
S. 1 44m	7 6a	7 11a	7 15a	7 29a	7 36a	
30 2 31	7 43	7 48	7 54	8 9	8 16	

## PHENOMENA AND OBSERVATIONS.

## Sundays and Holidays.

## Washington Mean Time.

d. h. m.		
13th Sunday after Trinity.		
1 11 24a.	♂ gr. elon.	27 0 E.
3 8 35a.	♂ $\delta^{\beta}m$	* 1 14 N.
5 2 15m.	♂ $\delta^w m$	* 0 27 N.
5 3 37a.	♂ $\delta^u m$	* 0 19 N.
7 7 0m.	♂ stationary.	
14th Sunday after Trinity.		
8 8 10a.	♀ $\delta C$	♀ 0 1 N.
11 1 26a.	♂ $\delta C$	♂ 6 39 N.
14 1 35m.	♀ $\delta C$	♀ 0 15 N.
15 9 0m.	♂ stationary.	
16 6 16a.	♂ gr. Hel. Lat. S.	
Jewish year 5605 begins.		
15th Sunday after Trinity.		
20 11 11a.	♀ $\delta$ g Oph.	* 1 0 S.
21 1 20m.	♂ in Aphelion.	
21 3 53a.	♂ $\delta \odot$	
21 4 8a.	♂ $\delta \odot$	h 4 51 S.
22 5 43a.	♂ ent. $\triangle$ Aut. beg.	
16th Sunday after Trinity.		
26 2 55m.	♀ $\delta$ w Oph.	* 1 23 N.
26 3 27m.	♂ $\delta C$	♂ 6 48 S.
26 1 49a.	♂ $\delta C$	♂ 5 37 S.
27 2 43m.	♂ $\delta \odot$	
27 11 46a.	♀ $\delta \xi \odot$	* 1 27 S.
28 8 45m.	♀ in Inf. $\delta \odot$	
17th Sun. aft. Trin.	St. Mich.	

## Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	4 23m	7 17a	4 30m	7 6a	4 37m	6 55a	4 44m	6 46a	4 50m	6 38a
N. York,	4 25	7 15	4 32	7 4	4 38	6 54	4 44	6 46	4 50	6 38
Wash'ton,	4 27	7 13	4 33	7 3	4 38	6 54	4 44	6 46	4 50	6 33
Cha'ston,	4 32	7 8	4 36	7 0	4 40	6 52	4 45	6 45	4 49	6 39
N. Ori's,	4 34	7 6	4 37	6 58	4 41	6 51	4 45	6 45	4 48	6 40

## APOGEE AND PERIGEE OF THE MOON.

Apogee, 1st day, 7h. M. | Perigee, 13th day, 5h. A. | Apogee, 29th day, 10h. M

## PHASES OF THE MOON.

Last Quarter, 4th day, 11h. 21.0m M. | First Quarter, 18th day, 10h. 7.6m. M.  
 New Moon, 11th " 6h. 15.7m. A. | Full Moon, 25th " 11h. 56.8m. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	h. m.	h. m.	h. m.
1	Tu.	5 56	5 43	5 50	5 43	5 50	5 43	5 54	5 45	5 53	5 46	1 49m	• • •	10 40a
2	W.	57	42	57	42	57	42	55	44	54	45	2 20	0 0m	10 58
3	Th.	58	40	58	41	58	40	55	43	54	44	2 53	0 38	11 39
4	F.	59	39	59	39	59	39	56	42	55	43	3 39	1 19	• • •
5	S.	6 1	38	6 0	38	6 0	38	56	41	56	42	4 29	2 9	0 29m
6	Su.	6 2	5 36	6 1	5 37	6 1	5 37	5 57	5 40	5 56	5 41	5 43m	3 23m	1 43m
7	M.	3	34	2	35	2	35	58	39	57	39	7 8	4 48	3 8
8	Tu.	4	33	3	34	3	34	58	37	58	38	8 24	6 4	4 24
9	W.	5	31	4	32	4	32	59	36	58	37	9 22	7 2	5 23
10	Th.	6	29	5	31	5	31	6 0	35	59	36	10 6	7 46	6 6
11	F.	8	28	6	29	6	30	0	34	6 0	35	11 6	8 26	7 6
12	S.	9	26	7	28	7	29	1	33	0	34	11 24	9 4	7 24
13	Su.	6 10	5 24	6 8	5 26	6 8	5 27	6 2	5 32	6 1	5 33	0 0a	9 46m	8 6m
14	M.	11	22	9	25	9	25	2	30	2	32	0 48	10 28	8 48
15	Tu.	12	20	10	23	10	24	3	29	2	31	1 31	11 11	9 31
16	W.	13	19	11	22	11	22	4	28	3	29	2 17	11 57	10 17
17	Th.	14	17	12	20	12	20	5	26	4	28	3 7	0 47a	11 7
18	F.	15	16	13	18	13	19	5	25	4	27	4 3	1 43	0 3a
19	S.	17	14	14	17	14	17	6	24	5	26	5 13	2 53	1 13
20	Su.	6 18	5 13	6 15	5 15	6 15	5 16	6 7	5 23	6 6	5 25	6 40a	4 20a	2 40a
21	M.	19	11	16	14	16	15	8	22	6	24	7 59	5 39	3 59
22	Tu.	21	10	18	12	17	14	8	21	7	23	9 4	6 44	5 4
23	W.	22	8	19	11	18	13	9	20	9	22	9 52	7 32	5 52
24	Th.	23	7	20	10	19	12	10	19	8	21	10 35	8 15	6 35
25	F.	24	6	21	8	20	10	11	19	9	20	11 11	8 51	7 11
26	S.	25	4	22	7	21	9	11	17	10	19	11 48	9 28	7 49
27	Su.	6 27	5 2	6 24	5 5	6 22	5 7	6 12	5 16	6 10	5 19	• • •	10 0a	8 20a
28	M.	28	1	25	4	23	5	13	15	11	17	0 20m	10 32	8 52
29	Tu.	29	0	26	3	24	4	14	14	12	16	0 52	11 5	9 25
30	W.	31	4 58	27	1	25	3	14	13	12	16	1 25	11 37	9 57
31	Th.	32	57	28	0	26	2	15	12	13	15	1 57	• • •	10 32

## Passage of the Meridian (mean time) and Declination of the Planets.

Table of the Altitudes (Azimuths) and Declinations of the Planets.											
	1st day.		7th day.		13th day.		19th day.		25th day.		
	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	
☿	11 24m	— 2 12	10 53m	+ 0 45	10 42m	+ 0 37	10 46m	— 1 59	10 57m	— 5 46	
♀	8 55	+ 12 46	8 55	+ 11 22	8 56	+ 9 41	8 57	+ 7 46	8 59	+ 5 39	
♂	10 40	+ 5 19	10 30	+ 3 49	10 21	+ 2 17	10 11	+ 0 45	10 2	+ 0 47	
♂	7 23a	— 26 19	7 5a	— 26 4	6 47a	— 25 43	6 30a	— 25 20	6 13a	— 24 53	
♂	7 52m	+ 8 1	7 37m	+ 7 15	7 22m	+ 6 29	7 8m	+ 5 40	6 53m	+ 4 53	
♂	3 40a	+ 9 12	3 23a	+ 8 23	3 7a	+ 7 37	2 51a	+ 6 55	2 35a	+ 6 15	
♂	3 48a	— 22 56	3 33	— 23 23	3 18	— 23 49	3 3	— 24 13	2 49	— 24 35	
♂	11 10	— 2 26	10 44	— 2 44	10 17	— 2 59	9 52	— 3 13	9 26	— 2 25	
♂	7 29	— 20 37	7 5	— 20 37	6 42	— 20 37	6 19	— 20 35	5 56	— 20 33	
♂	11 32	+ 0 56	11 8	+ 0 50	10 43	+ 0 45	10 19	+ 0 40	9.55	+ 0 35	

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time.					PHENOMENA AND OBSERVATIONS.
		Boston, &c.	N. York, &c.	Wash'ton, &c.	Char'ston, &c.	N. Ori's, &c.	
		rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	
1	3 18m	8 27a	8 32a	9 38a	8 55a	9 2a	d. h. m.
2	4 7	9 14	9 19	9 26	9 42	9 50	1 6 1a. ♀ 69X * i 28 S.
3	4 55	10 8	10 12	10 18	10 34	10 41	2 8 43a. ♀ gr. elon. 46 13 W.
4	5 44	11 4	11 9	11 14	11 28	11 35	4 7 0a. ♀ stationary.
5	6 32	...	...	...	...	...	5 5 54a. ♀ in ♄
							6 4 16a. ♀ stationary.
S.	7 20m	0 4m	0 9m	0 12m	0 24m	0 31m	18th Sunday after Trinity.
7	8 8	1 8	1 11	1 15	1 24	1 29	7 3 31m. ♀ 6A ♀ * 0 39 S.
8	8 55	2 13	2 15	2 17	2 23	2 27	7 6 5m. ♀ 6a ♀ * 1 20 N.
9	9 43	3 20	3 22	3 22	3 24	3 27	8 4 12m. ♀ 6h ♀ 5 24 S.
10	10 34	sets.	sets.	sets.	sets.	sets.	9 8 58m. ♀ 6c ♀ 4 43 N.
11	11 26	4 56a	5 0a	5 4a	5 11a	5 15a	8 2 15a. ♀ 6pX * 1 39 S.
12	0 21a	5 36	5 39	5 43	5 55	6 1	10 6 48m. ♂ 6c ♂ 6 25 N.
S.	1 19a	6 19a	6 23a	5 23a	6 42a	6 49a	19th Sunday after Trinity.
14	2 19	7 8	7 14	7 20	7 35	7 43	10 7 20m. ♀ in Perihelion.
15	3 21	8 6	8 12	8 19	8 35	8 44	10 3 50a. ♀ 6c ♀ 6 21 N.
16	4 21	9 11	9 16	9 22	9 37	9 46	13 6 41m. ♀ 6s ♀ * 0 24 N.
17	5 20	10 19	10 23	10 29	10 43	10 49	13 7 12a. ♀ gr. elon. 18 4 W.
18	6 14	11 26	11 30	11 34	11 45	11 52	15 7 30a. ♀ in ♄
19	7 6	...	...	...	...	...	17 7 0m. ♀ gr. Hel. Lat. N.
S.	7 54a	0 35m	0 27m	0 41m	0 49m	0 54m	20th Sunday after Trinity.
21	8 40	1 42	1 43	1 46	1 50	1 54	18 9 40a. ♀ 6c ♀ 5 4 S.
22	9 25	2 46	2 47	2 47	4 49	2 50	20 3 27a. ♀ gr. Hel. Lat. N.
23	10 9	3 48	3 48	3 48	3 46	3 46	21 1 54m. ♀ 6x ♀ * 1 0 N.
24	10 54	rises.	rises.	rises.	rises.	rises.	23 4 12m. ♀ 6c ♀ 6 56 S.
25	11 39	4 33a	4 36a	4 40a	4 51a	4 55a	23 6 36a. ♀ 6c ♀ 5 43 S.
26	8	5 5	5 11	5 14	5 27	5 33	24 1 47m. ♀ ☐ ☉
S.	0 26m	5 42a	5 46a	5 52a	6 7a	6 13a	21st Sunday after Trinity.
28	1 13	6 23	6 28	6 34	6 50	6 57	24 9 57a. ♀ 6s ♀ * 1 4 N.
29	2 1	7 10	7 15	7 21	7 37	7 45	26 0 51a. ♀ 6s ♀ * 1 30 S.
30	2 50	8 0	8 5	8 11	8 27	8 35	27 3 27a. ♀ 6c ♀
31	3 38	8 55	9 0	9 5	9 20	9 27	31 8 57a. ♀ 6sX * 0 31 S.



## Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
Boston,	4 58m	6 30a	5 5m	6 23a	5 11m	6 19a	5 17m	6 14a	5 23m	6 11a
N. York,	4 57	6 31	5 4	6 24	5 10	6 19	5 15	6 16	5 21	6 13
Wash.	4 57	6 31	5 3	6 25	5 8	6 21	5 13	6 18	5 19	6 15
Charles.	4 54	6 34	4 59	6 29	5 3	6 25	5 7	6 23	5 12	6 22
N. Ori's.	4 53	6 35	4 55	6 31	5 1	6 28	5 5	6 26	5 9	6 25

## PERIGEE AND APOGEE OF THE MOON.

Perigee, 11th day, 1h. M.

Apogee, 15th day, 6h. A.

## PHASES OF THE MOON.

Last Quarter, 3d day, 5h. 11.0m. M. | First Quarter, 16th day, 8h. 22.5m. A.  
 New Moon, 10th " 4h. 28.3m. M. | Full Moon, 26th " 6h. 34.0m. A.

Days of Month.		Days of Week.		Sun's upper limb rises and sets, (corr. for refract.) M. T.												High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.		New York, &c.		Charleston, &c.		
		rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	
1	F.	6 33	4 55	6 29	4 59	6 27	5 1	6 16	5 11	6 14	5 14	2 32m	0 12m	11 11a				
2	S.	34	54	30	58	28	0	17	10	15	13	3 11	0 51	11 58				
3	Su.	6 35	4 53	6 31	4 57	6 29	4 59	6 18	5 9	6 16	5 12	3 58m	1 38m					
4	M.	36	51	32	56	30	58	19	8	17	11	4 59	2 39	0 59m				
5	Tu.	38	50	34	54	31	57	20	8	17	11	6 16	3 56	2 16				
6	W.	39	49	35	53	32	56	21	7	18	10	7 29	5 9	3 29				
7	Th.	40	48	36	51	33	55	22	6	19	9	8 36	6 16	4 36				
8	F.	42	46	38	50	35	54	23	5	20	9	9 30	7 10	5 00				
9	S.	43	45	39	49	36	53	24	4	20	8	10 13	7 53	6 13				
10	Su.	6 44	4 44	6 40	4 48	6 37	4 52	6 25	5 3	6 21	5 8	11 0m	8 40m	7 0m				
11	M.	46	43	42	47	39	51	26	3	22	7	11 45	9 25	7 45				
12	Tu.	47	42	43	46	40	50	27	2	23	6	0 33a	10 13	8 33				
13	W.	48	41	44	45	41	49	28	1	24	6	1 18	10 58	9 18				
14	Th.	50	40	46	44	42	48	29	1	25	5	2 7	11 47	10 7				
15	F.	51	39	47	43	43	47	30	0	26	4	2 59	0 39a	10 59				
16	S.	52	38	48	42	44	46	31	4 59	26	4	3 53	1 33	11 53				
17	Su.	6 53	4 37	6 49	4 41	6 45	4 46	6 32	4 59	6 27	5 3	4 54a	2 34a	0 54a				
18	M.	54	36	50	40	46	45	33	58	28	2	6 7	3 47	2 7				
19	Tu.	55	35	51	39	47	44	34	57	29	2	7 17	4 57	3 17				
20	W.	57	35	53	39	48	44	35	57	29	1	8 29	6 6	4 29				
21	Th.	58	34	54	38	49	43	36	56	30	1	9 21	7 1	5 21				
22	F.	59	33	55	37	50	42	37	56	31	1	10 8	7 48	6 8				
23	S.	7 0	32	56	36	51	42	38	55	32	1	10 49	8 29	6 49				
24	Su.	7 2	4 31	6 57	4 36	6 52	4 41	6 38	4 55	6 33	5 0	11 26a	9 6a	7 26a				
25	M.	3	31	58	35	53	41	39	55	34	0		9 40	8 0				
26	Tu.	4	31	59	34	54	41	40	55	34	0	0 0m	10 15	8 35				
27	W.	5	30	7 0	34	55	41	41	55	35	0	0 35	10 48	9 8				
28	Th.	6	29	1	33	56	40	42	55	36	0	1 8	11 20	9 40				
29	F.	8	29	3	33	57	40	43	55	37	0	1 40	11 55	10 15				
30	S.	9	29	4	33	58	40	44	55	38	0	2 15		10 53				

## Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.	Souths. h. m.	Dec.
☿	11 12m	—10 31	11 25m	—14 22	11 39m	—17 50	11 54m	—20 47	0 9a	—23 7
♀	9 1	+ 2 58	9 3	+ 0 31	9 5	— 2 1	9 8	— 4 36	9 11m	— 7 11
♂	9 51	— 2 35	9 41	— 4 5	9 31	— 5 35	9 22	— 7 3	9 13	— 8 30
♂	5 55a	—24 19	5 40a	—23 44	5 25a	—23 7	5 10a	—22 28	4 56a	—21 44
♂	6 30m	+ 4 1	6 20m	+ 3 17	6 3m	+ 2 37	5 45m	+ 1 58	5 27m	+ 1 22
♂	2 17a	+ 5 36	2 1a	+ 5 3	1 46a	+ 4 35	1 31a	+ 4 11	1 15a	+ 3 50
♂	2 31	—24 58	2 19	—25 16	2 4	—25 30	1 52	—25 44	1 39	—25 53
♂	8 57	— 3 35	8 32	— 8 30	8 8	— 3 43	7 44	— 3 42	7 21	— 3 39
♂	5 30	—20 29	5 7	—20 26	4 45	—20 21	4 23	—20 16	4 2	—20 9
♂	9 28	+ 0 30	9 2	+ 0 26	8 38	+ 0 23	8 14	+ 0 20	7 50	+ 0 18

Days of Month.		Moon rises or sets. Mean Time.					PHENOMENA AND OBSERVATIONS.	
Moon Souths. Mean Time.		Boston, &c.	N. York, &c.	Wash'ton, &c.	Char'ston &c	N. Ori's, &c.		
h. m.		rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	Washington Mean Time.	
1	4 26m	9 54a	9 57a	10 1a	10 14a	10 21a	d. h. m.	1 3 18m. ♂ ♀ ♀ * i 54 N.
2	5 13	10 53	10 56	11 0	11 11	11 16	4 2 9a.	♀ ♂ Op. * 1 17 N.
S.	5 59m	11 56a	11 59a	...	...	...	22d Sunday after Trinity.	
4	6 45	...	...	0 1m	0 9m	0 13m	7 5 43m.	♀ ♂ ♀ 6 37 N.
5	7 32	1 1m	1 2m	1 4	1 7	1 11	7 5 25a.	♀ ♂ ♀ * 0 10 S.
6	8 20	2 6	2 7	2 7	2 9	2 10	7 11 23a.	♂ ♂ ♀ ♂ 5 29 N.
7	9 10	3 17	3 16	3 16	3 12	3 13	9 11 53a.	♀ ♂ ♀ * 2 14 N.
8	10 3	4 31	4 28	4 26	4 20	4 18	12 6 28a.	♀ ♂ ♀ * 1 10 N.
9	11 0	sets.	sets.	sets.	sets.	sets.	Solar Eclipse, invis. in U. S.	
S.	0 1a	4 54a	5 0a	5 6a	5 20a	5 28a	23d Sunday after Trinity.	
11	1 4	5 50	5 56	6 2	6 19	6 27	13 1 53m.	♂ ♂ ♀ * 0 48 N.
12	2 7	6 54	7 0	7 6	7 23	7 31	Olmsted's Meteoric Shower.	
13	3 9	7 54	8 0	8 5	8 19	8 27	13 3 27m.	♀ in ♂
14	4 7	9 15	9 19	9 24	9 36	9 43	15 6 32m.	♂ ♂ ♀ 5 17 S.
15	5 0	10 25	10 28	10 32	10 41	10 46	15 3 15a.	♀ in sup. ♂ ☉
16	5 51	11 33	11 35	11 37	11 43	11 46	16 7 36a.	♂ ♂ ♀ * 1 35 N.
S.	6 39a	...	...	...	...	...	24th Sunday after Trinity.	
18	7 24	0 42m	0 43m	0 44m	0 46m	0 48m	18 5 15m.	♂ ☐ ☉
19	8 9	1 42	1 42	1 42	1 41	1 42	18 9 0m.	♀ in Perihelion.
20	8 52	2 44	2 43	2 42	2 38	2 33	19 4 20m.	♀ ♂ ♀ * 0 11 S.
21	9 37	3 45	3 43	3 40	3 34	3 32	19 7 34m.	♀ ♂ ♀ ♀ 6 57 S.
22	10 23	4 46	4 43	4 40	4 30	4 27	19 9 24m.	♀ stationary.
23	11 9	rises.	rises.	rises.	rises.	rises.	19 11 1a.	♀ ♂ ♀ ♀ 5 49 S.
S.	11 58a	4 21a	4 26a	4 32a	4 47a	4 54a	25th Sun. aft. Trin. Eclipse of Moon, part vis. in U. S.	
25	8	5 6	5 11	5 17	5 34	5 42	22 1 48m.	♂ ♂ ♀ * 1 54 N.
26	0 46m	5 55	6 10	6 6	6 22	6 30	23 7 3m.	♀ in Aphelion.
27	1 34	6 48	6 53	6 59	7 14	7 21	26 4 22m.	♀ ♂ ♀ ♀ 1 10 N.
28	2 22	7 45	7 50	7 54	8 8	8 15	27 3 25m.	♂ ♂ ♀ * 1 31 S.
29	3 9	8 45	8 43	8 53	9 3	9 9		
30	3 55	9 45	9 49	9 51	10 0	10 4	St. Andrew.	

St. Andrew.

## Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.	Begins. h. m.	Ends. h. m.
Boston,	5 29m	6 9a	5 35m	6 9a	5 40m	6 8a	5 43m	6 10a	5 46m	6 14a
N. York,	5 27	6 11	5 33	6 11	5 37	6 11	5 41	6 13	5 44	6 16
Wash.	5 25	6 13	5 30	6 14	5 34	6 14	5 38	6 16	5 41	6 19
Charles.	5 17	6 21	5 22	6 22	5 26	6 23	5 29	6 25	5 32	6 28
N. Orl's.	5 13	6 25	5 18	6 26	5 24	6 17	5 25	6 29	5 28	6 32

## PERIGEE AND APOGEE OF THE MOON.

Perigee, 9th day, 1h. A.

Apogee, 22d day, 8h. A.

## PHASES OF THE MOON.

Last Quarter, 2d day, 8h. 59.6m. A. | First Quarter, 16th day, 10h. 13.4m. M.  
 New Moon, 9th " 3h. 4.8m. A. | Full Moon, 24th " 2h. 20.8m. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	rises. h. m.	sets. h. m.	h. m.	h. m.	h. m.
1	Su.	7 10	4 29	7 5	4 34	6 59	4 40	6 44	4 55	6 38	5 0	2 53m	0 33m	11 36a
2	M.	11	29	6	34	7 0	39	45	55	39	0	3 36	1 16	• • •
3	Tu.	12	29	7	34	1	39	45	55	40	0	4 23	2 3	0 23m
4	W.	13	29	8	33	2	39	46	55	41	0	5 22	3 2	1 22
5	Th.	14	28	9	33	3	38	47	55	41	0	6 24	4 14	2 34
6	F.	15	28	10	33	4	38	48	55	42	0	7 41	5 21	3 41
7	S.	16	28	11	33	5	38	48	55	43	0	8 48	6 28	4 48
8	Su.	7 17	4 28	7 12	4 33	7 6	4 38	6 49	4 55	6 44	5 0	9 45m	7 25m	5 45m
9	M.	18	28	13	33	7	38	50	55	45	1	10 38	8 18	6 38
10	Tu.	19	28	14	33	8	38	51	55	46	1	11 30	9 10	7 30
11	W.	20	28	15	33	9	38	52	56	47	1	0 21a	10 1	8 21
12	Th.	21	28	16	33	10	39	52	56	47	1	1 10	10 50	9 10
13	F.	21	28	16	33	10	39	53	56	48	2	1 58	11 38	9 58
14	S.	22	28	17	34	11	39	54	56	49	2	2 48	0 28a	10 48
15	Su.	7 23	4 28	7 17	4 34	7 12	4 39	6 54	4 56	6 40	5 2	3 35a	1 15a	11 35m
16	M.	24	28	18	34	12	39	55	57	50	2	4 23	2 3	0 23a
17	Tu.	24	29	18	34	13	40	55	57	50	3	5 18	2 58	1 18
18	W.	25	29	19	35	13	40	56	57	51	3	6 24	4 4	2 24
19	Th.	25	29	19	35	14	40	56	58	51	3	7 29	5 9	3 29
20	F.	26	30	20	36	14	40	57	58	52	4	8 39	6 19	4 39
21	S.	26	30	20	36	14	41	57	58	52	4	9 38	7 18	5 38
22	Su.	7 27	4 31	7 21	4 37	7 15	4 41	6 58	4 59	6 53	5 4	10 24a	8 4a	6 24a
23	M.	27	31	21	37	15	42	58	59	53	5	11 6	8 46	7 6
24	Tu.	28	32	22	38	16	43	59	6 0	54	5	11 43	9 23	7 43
25	W.	28	32	22	38	16	43	59	0	54	6	• • •	10 1	8 21
26	Th.	29	33	23	39	17	44	7 0	1	55	6	0 21m	10 34	8 54
27	F.	29	34	23	39	17	45	0	2	55	7	0 54	11 6	9 26
28	S.	29	34	24	40	18	45	1	2	56	8	1 26	11 40	10 0
29	Su.	7 29	4 35	7 24	4 40	7 13	4 46	7 1	5 3	6 56	5 9	2 0m	• • •	10 36a
30	M.	30	36	25	41	19	47	2	4	57	10	2 36	0 16m	11 14
31	Tu.	30	37	25	42	19	48	2	5	57	10	3 14	0 54	11 57

Passage of the Meridian (mean time) and Declination of the Planets.

1st day.		7th day.		13th day.		19th day.		25th day.	
Souths.	Dec.	Souths.	Dec.	Souths.	Dec.	Souths.	Dec.	Souths.	Dec.
h. m.		h. m.		h. m.		h. m.		h. m.	
0 26a	—24 44	0 44a	—25 34	1 1a	—25 32	1 16a	—24 37	1 26a	—22 52
9 14m	—9 43	9 19m	—12 8	9 24m	—14 27	9 29m	—16 33	9 35m	—18 25
9 3	—9 55	8 55	—11 18	8 46	—12 37	8 37	—13 54	8 23	—15 5
4 42a	—20 58	4 28a	—20 9	4 14a	—19 17	4 0a	—18 24	3 47a	—17 28
5 8m	+ 0 50	4 48m	+ 0 26	4 27m	+ 0 5	4 5m	—0 8	3 42m	—0 15
1 0a	+ 3 33	0 45a	+ 3 20	0 30a	+ 3 10	0 15a	+ 3 6	0 0a	+ 3 2
1 25	—26 1	1 11	—26 5	0 59	—26 8	0 45	—26 8	0 33	—26 5
6 58	—3 32	6 35	—3 23	6 13	—3 11	5 52	—2 57	5 30	—2 40
3 40	—20 3	3 19	—19 55	2 57	—19 47	2 36	—19 39	2 15	—19 30
7 26	+ 0 17	7 3	+ 0 1	6 39	+ 0 16	6 16	+ 0 17	5 52	+ 0 19

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time.				
		Boston, &c.	N. York, &c.	Wash'ton, &c.	Chas'ton, &c.	N. Ori's, &c.
	h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.	rises. h. m.
S.	4 40m	10 48a	10 49a	10 52a	10 56a	11 1a
2	5 25	11 50	11 52	11 52	11 55	11 58
3	6 11	...	...	...	...	...
4	6 53	0 57m	0 56m	0 56m	0 55m	0 55m
5	7 43	2 5	2 5	2 3	1 57	1 57
6	8 42	3 18	3 15	3 13	3 4	3 2
7	9 39	4 31	4 28	4 24	4 12	4 9
S.	10 40m	sets.	sets.	sets.	sets.	sets.
9	11 44	4 31a	4 37a	4 42a	5 0a	5 3a
10	0 49a	5 33	5 44	5 50	6 6	6 14
11	1 51	6 52	6 57	7 3	7 15	7 23
12	2 49	8 6	8 10	8 13	8 24	8 31
13	3 43	9 18	9 21	9 23	9 31	9 35
14	4 33	10 27	10 23	10 30	10 33	10 36
S.	5 21a	11 32a	11 33a	11 33a	11 34a	11 35a
16	6 6	...	...	...	...	...
17	6 51	0 36m	0 36m	0 35m	0 33m	0 31m
18	7 35	1 38	1 36	1 34	1 28	1 27
19	8 20	2 38	2 37	2 34	2 24	2 22
20	9 6	3 39	3 35	3 31	3 19	3 16
21	9 53	4 36	4 31	4 28	4 13	4 9
S.	10 42a	5 31m	5 26m	5 22m	5 7m	5 2m
23	11 31	rises.	rises.	rises.	rises.	rises.
24	8	4 43a	4 43a	4 54a	5 10a	5 17a
25	0 19m	5 40	5 45	5 49	6 3	6 11
26	1 7	6 39	6 42	6 47	6 58	7 5
27	1 54	7 38	7 42	7 44	7 54	7 59
28	2 30	8 40	8 42	8 45	8 51	8 54
S.	3 21m	9 42a	9 44a	9 45a	9 47a	9 51a
30	4 9	10 46	10 46	10 46	10 46	10 47
31	4 54	11 52	11 51	11 50	11 46	11 47

## PHENOMENA AND OBSERVATIONS.

## Sundays and Holidays.

Washington Mean Time.

d.	h. m.	
Advent Sunday.		
3 2 21m.	♀ ♄ ♀	* 0 52 N.
6 2 59a.	♂ ♄ ☾	♂ 3 58 N.
7 9 59m.	♀ ♄ ☾	♀ 4 40 N.
7 7 0a.	♀ ♄ ♀	♂ 28 54 S.
10 7 37m.	♀ gr. Hel.	Lat. N.
10 2 12a.	♀ ♄ ☾	♀ 4 42 S.
2d Sunday in Advent.		
Solar Eclipse, vis. in U. S.		
11 3 15m.	♀ ♄ ♀	* 1 47 S.
11 3 4a.	☿ stationary.	
12 7 36a.	♂ ♄ ☾	♂ 5 25 S.
12 7 27m.	♀ ♄ ♀	♀ 0 34 N.
13 3 32a.	gr. Hel.	Lat. S.
3d Sunday in Advent.		
16 4 12a.	♀ ♄ ☾	♀ 6 44 S.
16 10 37a.	☿ ☐ ☾	
17 4 47m.	☿ ♄ ☾	☿ 5 46 S.
21 11 22m.	☉ ent. ☿	Win. beg.
23 8 31a.	☿ ☐ ☉	
St. Thomas.		
4th Sunday in Advent.		
25 9 17a.	☿ stationary.	
26 6 20m.	♀ ♄ ♀	* 0 42 S.
Christmas Day.		
26 3 18a.	♀ ♄ ☉	
27 0 57m.	♀ gr. elon.	19 37 E.
27 1 24a.	♀ ♄ ♀	* 0 2 S.
1st Sunday after Christmas.		
30 9 52m.	☉ in Perigee.	
31 11 8m.	♀ ♄ ♀	* 1 7 S.

## ECLIPSES IN 1844.

In the year 1844, there will be five eclipses; three of the Sun, and two of the Moon. One of the solar eclipses will be visible in the greater part of the United States, and both of the lunar eclipses.

I. Friday, May 31st. A total Eclipse of the Moon, partially visible in the United States, as follows:

## Mean Time of Phase.

	☾ rises.		ecl. ends.			☾ rises.		ecl. ends.	
	h.	m.	h.	m.		h.	m.	h.	m.
Albany,	7	33	7	36.4	Newburyport,	7	33	7	42.9
Amherst, Ms.,		32		41.3	New Haven,		29		39.6
Annapolis,		21		25.2	Newport,		29		46.1
Augusta, Me.,		41		52.1	New York,		27		35.3
Baltimore,		22		25.3	Philadelphia,		24		30.7
Bangor,		41		56.3	Portland,		37		50.0
Boston,		32		47.1	Portsmouth,		34		48.4
Charleston,		5		11.6	Providence,		30		45.7
Concord,		35		45.5	Raleigh,		12		16.2
Dover, Del.		22		30.4	Richmond,		17		21.6
Dover, N. H.		35		47.8	Savannah,		2		6.8
Fred'kton, N. B.		45	8	4.4	Springfield, Ky.		31		41.0
Halifax,		40		17.0	Trenton,		25		32.8
Hartford,		30	7	40.7	Washington,		21		23.3
Montpelier,		39		41.4	Worcester,		32		44.2
New Bedford,		30		47.7					

This eclipse will not, therefore, be visible for more than 17 minutes in any place in the United States, and the magnitude of the eclipse when first seen, will be about seven digits. The Moon will rise eclipsed throughout New England and the Atlantic sea-coast of the Middle and Southern States. The line where the Moon will rise at the very end of the eclipse, passes through the following places:

Lat.	W. Long.	Lat.	W. Long.	Lat.	W. Long.	Lat.	W. Long.
30	83 15	34	80 50	38	78 8	42	75 1
31	82 41	35	80 10	39	77 22	43	74 11
32	82 4	36	79 30	40	76 37	44	73 18
33	81 27	37	78 49	41	75 50	45	72 23

The duration and end of the eclipse may easily be found for other places, by means of the following table:

## Mean Time of Place.

Lat. of Pl.	☾ rises.		Lat.	☾ rises.		Long.	End of Ecl.		Long.	End of Ecl.	
	h.	m.		h.	m.		h.	m.		h.	m.
30	6	58	39	7	21	67	8	3.4	76	7	27.4
31	7	0	40		24	68	7	59.4	77		23.4
32		2	41		28	69		55.4	78		19.4
33		5	42		31	70		51.4	79		15.4
34		8	43		34	71		47.4	80		11.4
35		10	44		38	72		43.4	81		7.4
36		13	45		42	73		39.4	82		3.4
37		16	46		45	74		35.4	83	6	59.4
38		18	47		48	75		31.4	84		55.4

The last contact with the shadow occurs at 70° from the North point of the Moon's limb towards the West.

At the place which is in longitude 17° 17' East of Greenwich, and latitude 64° 58' N. the eclipse will begin with the rising of the Moon, and end with its setting; and at the place which is in longitude 17° 27' E. and latitude 66° 47' N. the total eclipse will begin with the rising, and end with the setting of the Moon.

II. Saturday, June 15th, a partial Eclipse of the Sun, invisible in the United States.

Beginning of the eclipse on the Earth at 4h. 56.1m. (Mean Time at Washington) in latitude 38° 1' S. and longitude 138° 36' East of Greenwich.

Greatest obscuration on the Earth at 7h. 5.1m. in latitude 66° 32' S. and longitude 168° 12' East.

End of the eclipse on the Earth at 9h. 14.0m. in latitude 43° 50' S. and longitude 149° 47' West.

Digits eclipsed, 9° 19'.

This eclipse will be visible in the South Pacific and Great Southern Oceans.

III. Sunday, November 10th. A very small partial eclipse of the Sun, invisible in the United States.

Beginning of the eclipse on the Earth, at 4h. 4.1m. (Mean Time at Washington) in latitude 60° 12' South, and longitude 84° 36' West of Greenwich.

Greatest obscuration on the Earth at 4h. 42.9m. in latitude 69° 54' S. and longitude 119° 11' West.

End of the eclipse on the Earth at 5h. 21.8m. in latitude 72° 32' S. and longitude 172° 55' West.

Digits eclipsed, 1° 4'.

This eclipse will only be visible in a small portion of the Great Southern Ocean.

IV. Tuesday, November 24th. A total eclipse of the Moon, visible in the United States, as follows:

	Mean Time of Place.					
	Moon rises.	Begin. of Eclipse.	Begin. of Tot. Ecl.	Midd. of Eclipse.	End of Tot. Ecl.	End of Eclipse.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Albany,	4 21	4 54.6	6 3.0	6 49.5	7 36.0	8 44.4
Amherst, Ms.,	22	4 59.5	6 7.9	6 54.4	7 40.9	8 49.3
Annapolis,	31	4 43.4	5 51.8	6 38.3	7 24.8	8 33.2
† Augusta, Ga.,	43	4 22.0	5 30.4	6 16.9	7 3.4	8 11.8
Augusta, Me.,	15	5 10.3	6 18.7	7 5.2	7 51.7	9 0.1
Baltimore,	30	4 43.1	5 51.5	6 38.0	7 24.5	8 32.9
Bangor,	13	5 14.5	6 22.9	7 9.4	7 55.9	9 4.3
Boston,	21	5 5.3	6 13.7	7 0.2	7 46.7	8 55.1
Buffalo,	19	4 33.9	5 42.3	6 28.8	7 15.3	8 23.7
† Charleston,	47	4 29.8	5 38.2	6 24.7	7 11.2	8 19.6
† Cincinnati,	32	4 11.8	5 20.2	6 6.7	6 53.2	8 1.6

## Mean Time of Place.

	Moon rises.	Begin. of Eclipse.	Begin. of Tot. Ecl.	Midd. of Eclipse.	End of Tot. Ecl.	End of Eclipse.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
* Columbia,	4 45	4 25.1	5 33.5	6 20.0	7 6.5	8 14.9
† Columbus,	30	4 17.4	5 25.8	6 12.3	6 58.8	8 7.2
Concord,	18	5 3.7	6 12.1	6 58.6	7 45.1	8 53.5
† Detroit,	22	4 17.7	5 26.1	6 12.6	6 59.1	8 7.5
Dover, Del.,	31	4 47.6	5 56.0	6 42.5	7 29.0	8 37.4
Dover, N. H.	18	5 6.0	6 14.4	7 0.9	7 47.4	8 55.8
† Frankfort,	34	4 10.9	5 19.3	6 5.8	6 52.3	8 0.7
Frederickton, N. B.,	8	5 22.6	6 31.0	7 17.5	8 4.0	9 12.4
Halifax, N. S.,	13	5 35.2	6 43.6	7 30.1	8 16.6	9 25.0
Harrisburg,	29	4 42.3	5 50.7	6 37.2	7 23.7	8 32.1
Hartford,	23	4 58.9	6 7.3	6 53.8	7 40.3	8 48.7
† Hudson, Ohio,	25	4 24.0	5 32.4	6 18.9	7 5.4	8 13.8
† Indianapolis,	31	3 55.3	5 3.7	5 50.2	6 36.7	7 45.1
† Jackson,	49	3 49.1	4 57.5	5 44.0	6 30.5	7 38.9
† Jefferson,	34	3 41.1	4 49.5	5 36.0	6 22.5	7 30.9
† Lexington, Ky.	35	4 12.4	5 20.8	6 7.3	6 53.8	8 2.2
† Little Rock,	44	3 40.8	4 49.2	5 35.7	6 22.2	7 30.6
† Louisville,	35	4 7.6	5 16.0	6 2.5	6 49.0	7 57.4
† Milledgeville,	47	4 16.3	5 24.7	6 11.2	6 57.7	8 6.1
† Mobile, Ala.	52	3 57.7	5 6.1	5 52.6	6 39.1	7 47.5
Montpelier,	15	4 59.2	6 7.6	6 54.1	7 40.6	8 49.0
Montreal, L. C.	9	4 55.3	6 3.7	6 50.2	7 36.7	8 45.1
Nantucket,	25	5 9.2	6 17.6	7 4.1	7 50.6	8 59.0
† Nashville,	40	4 2.3	5 10.7	5 57.2	6 43.7	7 52.1
† Natchez,	52	3 44.0	4 52.4	5 38.9	6 25.4	7 33.8
New Bedford, Ms.	23	5 5.9	6 14.3	7 0.8	7 47.3	8 55.7
Newburyport,	20	5 6.1	6 14.5	7 1.0	7 47.5	8 55.9
New Haven,	24	4 57.8	6 6.2	6 52.7	7 39.2	8 47.6
†† New Orleans,	54	3 49.6	4 58.0	5 44.5	6 31.0	7 39.4
Newport,	23	5 4.3	6 12.7	6 59.2	7 45.7	8 54.1
New York,	26	4 53.5	6 1.9	6 48.4	7 34.9	8 43.3
Philadelphia,	29	4 48.9	5 57.3	6 43.8	7 30.3	8 38.7
Pittsburg,	26	4 29.5	5 37.9	6 24.4	7 10.9	8 19.3
Portland,	17	5 8.2	6 16.6	7 3.1	7 49.6	8 58.0
Portsmouth,	19	5 6.6	6 15.0	7 1.5	7 48.0	8 56.4
Providence,	26	5 3.9	6 12.3	6 58.8	7 45.3	8 53.7
† Raleigh,	40	4 34.4	5 42.8	6 29.3	7 15.8	8 24.2
Richmond,	35	4 39.8	5 48.2	6 34.7	7 21.2	8 29.6
Rochester, N. Y.	19	4 38.2	5 46.6	6 33.1	7 19.6	8 28.0
† St. Louis,	34	3 48.6	4 57.0	5 43.5	6 30.0	7 38.4
† Savannah,	49	4 25.0	5 33.4	6 19.9	7 6.4	8 14.8
† Springfield, Ill.,	32	3 51.4	4 59.8	5 46.3	6 32.8	7 41.2
Springfield, Ms.	22	4 59.2	6 7.6	6 54.1	7 40.6	8 49.0
† Tallahassee,	53	4 11.2	5 19.6	6 6.1	6 52.6	8 1.0
Trenton, N. J.	28	4 51.0	5 59.4	6 45.9	7 32.4	8 40.8
† Tuscaloosa,	47	3 58.8	5 7.2	5 53.7	6 40.2	7 48.6
Washington,	32	4 41.5	5 49.9	6 36.4	7 22.9	8 31.3
Worcester, Ms.	21	5 2.4	6 10.8	6 57.3	7 43.8	8 25.2

For the places marked thus, [†] the eclipse will begin before the rising of the Moon, and for places marked [††] the total eclipse will begin before the rising of the Moon. The whole of the eclipse will be visible throughout New England, New York, New Jersey, Delaware, Maryland,

Pennsylvania, except the South-western corner, and the Eastern portions of North Carolina, Virginia, and Ohio; the Moon will rise totally eclipsed throughout Louisiana and Arkansas, and the Western parts of Missouri, Mississippi and Iowa.

The lines where the Moon will rise at the beginning of the eclipse, and at that of the total eclipse, pass through the following places:

Lat.	Long. wh. Eclipse beg. rising	Long. wh. Tot. Ecl. beg. rising	Lat.	Long. wh. Eclipse beg. rising	Long. wh. Tot. Ecl. beg. rising	Lat.	Long. wh. Eclipse beg. rising	Long. wh. Tot. Ecl. beg. rising
30	74 16	87 2	36	77 38	90 24	42	81 37	94 23
31	74 48	87 32	37	78 15	91 1	43	82 22	95 8
32	75 20	88 6	38	78 53	91 39	44	83 9	95 55
33	75 53	88 39	39	79 32	92 18	45	83 57	96 43
34	76 27	89 13	40	80 12	92 58	46	84 48	97 34
35	77 2	89 48	41	80 54	93 40	47	85 40	98 26

The phases of the eclipse may easily be found for other places by means of the following table:

Mean Time of Place.

W. L.	Eclipse begins.	Tot. Ecl. begins.	Tot. Ecl. ends.	Eclipse ends.	W. Lon.	Eclipse begins.	Tot. Ecl. begins.	Tot. Ecl. ends.	Eclipse ends.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
67	5 21.6	6 30.0	8 3.0	9 11.4	84	4 13.6	5 22.0	6 55.0	8 3.4
68	17.6	26.0	7 59.0	7.4	85	9.6	18.0	51.0	7 59.4
69	13.6	22.0	55.0	9 3.4	86	5.6	14.0	47.0	55.4
70	9.6	18.0	51.0	8 59.4	87	4 1.6	10.0	43.0	51.4
71	5.6	14.0	47.0	55.4	88	3 57.6	6.0	39.0	47.4
72	5 1.6	10.0	43.0	51.4	89	53.6	5 2.0	35.0	43.4
73	4 57.6	6.0	39.0	47.4	90	49.6	4 58.0	31.0	39.4
74	53.6	6 2.9	35.0	43.4	91	45.6	54.0	27.0	35.4
75	49.6	5 58.0	31.0	39.4	92	41.6	50.0	23.0	31.4
76	45.6	54.0	27.0	35.4	93	37.6	46.0	19.0	27.4
77	41.6	50.0	23.0	31.4	94	33.6	42.0	15.0	23.4
78	37.6	46.0	19.0	27.4	95	29.6	38.0	11.0	19.4
79	33.6	42.0	15.0	23.4	96	25.6	34.0	7.0	15.4
80	29.6	38.0	11.0	19.4	97	21.6	30.0	6 3.0	11.4
81	25.6	34.0	7.0	15.4	98	17.6	26.0	5 59.0	7.4
82	21.6	30.0	7 3.0	11.4	99	13.6	22.0	55.0	7 3.4
83	17.6	26.0	6 59.0	7.4	100	39.6	18.0	51.0	6 59.4

By means of the following table, it is easily determined whether the Moon rises partially or totally eclipsed, or previously to the eclipse.

Mean Time of Place.

Lat.	L. 75° W. Moon rises.	L. 90° W. rises.	Lat.	L. 75° W. Moon rises.	L. 90° W. rises.	Lat.	L. 75° W. Moon rises.	L. 90° W. rises.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
30	5 7	5 9	36	4 54	4 56	42	4 38	4 40
31	5	7	37	51	53	43	35	37
32	3	5	38	49	51	44	32	34
33	5 1	3	39	46	48	45	29	31
34	4 59	5 1	40	44	46	46	25	27
35	56	4 58	41	40	43	47	22	24



The first contact with the shadow occurs at  $97^\circ$  from the North point of the Moon's limb towards the East; the last contact at  $107^\circ$  towards the West.

At the place which is in longitude  $175^\circ 53'$  West of Greenwich, and latitude  $66^\circ 34'$  North, the eclipse will begin with the setting of the Moon, and end with its rising; and at the place which is in longitude  $175^\circ 53'$  West of Greenwich, and latitude  $65^\circ 41'$  North, the total eclipse will begin with the setting of the Moon, and end with its rising.

V. Monday, December 9. A partial eclipse of the Sun visible throughout the greater part of the United States.

Beginning of the general eclipse at 1h. 10.5m. A. (Mean Time at Washington) in latitude  $44^\circ 23'$  North, and longitude  $162^\circ 10'$  West of Greenwich.

Greatest obscuration on the Earth at 2h. 53.2m. A. in latitude  $67^\circ 13'$  N. and longitude  $122^\circ 57'$  West of Greenwich.

Digits eclipsed  $5^\circ 18'$  on the Sun's Northern limb.

End of the general Eclipse, at 4h. 35.9m. A. in latitude  $44^\circ 57'$  N. and longitude  $82^\circ 32'$  W. of Greenwich.

This eclipse will be visible in the North Pacific Ocean, the Northern part of Mexico, throughout Texas, the greater part of Canada, in New Brunswick, the Western portion of Nova Scotia, and all the United States, with the exception of the Southern extremity of Florida. The Sun will set eclipsed throughout New England, all but the Western extremity of the State of New York, throughout New Jersey, the Eastern portion of Pennsylvania, the Northern portion of Delaware, and the North-eastern point of Maryland.

The phases of the eclipse for all places in the United States and Canada, which are East of the meridian of  $101^\circ$  of longitude, and South of the parallel of  $46^\circ$  of latitude, may be determined with sufficient accuracy, by means of the following tables; the relative motion in right ascension, the horizontal parallaxes, and the semi-diameters of the sun and moon, are the same as at conjunction, and may be taken from the following table:

#### ELEMENTS OF THE ECLIPSES OF THE SUN.

1844.	June 15.	November 9.	December 9.
	h. m. s.	h. m. s.	h. m. s.
Greenwich Mean Time of $\odot$ in R. A.	12 20 56.6	22 20 6.9	8 1 53.2
$\odot$ 's and $\Delta$ 's Right Ascension	5 37 44.71	15 2 48.44	17 7 31.32
	° ' "	° ' "	° ' "
$\Delta$ 's Declination	N. 22 21 15.3	S. 18 47 45.8	S. 21 42 55.5
$\odot$ 's Declination	N. 23 21 36.4	S. 17 15 14.6	S. 22 54 35.6
$\Delta$ 's Horary Motion in R. A.	32 30.8	39 17.9	41 11.6
$\odot$ 's Horary Motion in R. A.	2 35.9	2 32.0	2 45.0
$\Delta$ 's Horary Motion in Declination	S. 1 33.7	S. 7 17.1	S. 0 1.4
$\odot$ 's Horary Motion in Declination	N. 0 5.5	S. 0 42.0	S. 0 13.8
$\Delta$ 's Equatorial Horizontal Parallax	54 21.7	61 9.2	61 25.7
$\odot$ 's Equatorial Horizontal Parallax	8.4	8.7	8.7
$\Delta$ 's True Semidiameter	14 48.9	16 39.9	16 44.4
$\odot$ 's True Semidiameter	15 45.6	16 11.1	16 16.0

The following elements will serve to calculate the eclipse for any place in the U. States :

Greenw'h. M. Time.	D's R. A.		D's R. A. less Q's R. A.	Q's Dec. South.		Q's Dec. South.	Rel. hourly motion in Declination	For Inter- val of	Change in	
									D's R. A.	Relat. R. A.
h. m.	h.	m. s.	"	"	"	"	"	m. s.	s.	"
7 30	17	6 03.52	-1228.9	22 54 28.1	21 42 53.3	7.0	0 10	0 10	0.46	6.4
35		6 17.25	-1036.8	29.3	53.6	7.9	0 20	0 20	0.91	12.8
40		6 30.98	- 844.6	30.4	54.0	8.7	0 30	0 30	1.37	19.2
45		6 44.71	- 652.5	31.6	54.4	9.6	0 40	0 40	1.83	25.6
50		6 58.45	- 460.3	32.8	54.7	10.5	0 50	0 50	2.29	32.0
55		7 12.18	- 268.2	33.9	55.1	11.3	1 0	1 0	2.75	38.4
8 0		7 25.91	- 76.0	35.1	55.4	12.2	1 10	1 10	3.20	44.8
5		7 39.64	+ 116.1	36.2	55.5	13.0	1 20	1 20	3.66	51.3
10		7 53.37	+ 308.4	37.4	55.5	13.9	1 30	1 30	4.11	57.7
15		8 07.10	+ 500.5	38.5	55.5	14.7	1 40	1 40	4.57	64.1
20		8 20.83	+ 692.7	39.6	55.4	15.2	1 50	1 50	5.03	70.5
25		8 34.56	+ 885.0	40.8	55.2	16.8	2 0	2 0	5.49	76.9
30		8 48.29	+1077.1	41.9	54.9	17.3	2 10	2 10	5.95	83.3
35		9 02.02	+1269.3	43.3	54.5	18.1	2 20	2 20	6.40	89.7
40		9 15.75	+1461.6	44.2	54.1	19.0	2 30	2 30	6.86	96.1
45		9 29.48	+1653.7	45.3	53.7	19.8	2 40	2 40	7.32	102.5
50		9 43.21	+1845.9	46.4	53.1	20.6	2 50	2 50	7.77	108.9
55		9 56.94	+2038.0	47.6	52.5	21.4	3 0	3 0	8.23	115.3
9 0		10 10.67	+2230.2	48.8	51.9	22.2	3 10	3 10	8.69	121.7
5		10 24.40	+2422.2	50.0	51.2	23.0	3 20	3 20	9.15	128.1
10		10 38.13	+2614.3	51.1	50.4	23.9	3 30	3 30	9.61	134.5
15		10 51.86	+2806.5	52.3	49.5	24.7	3 40	3 40	10.06	141.0
20		11 05.59	+2998.8	53.4	48.5	25.5	3 50	3 50	10.52	147.4
25		11 19.32	+3191.1	54.6	47.5	26.4	4 0	4 0	10.97	153.8
30		11 33.04	+3383.2	55.7	46.4	27.2	4 10	4 10	11.43	160.2
35		11 46.77	+3575.5	56.9	45.2	28.0	4 20	4 20	11.89	166.6
40		12 00.50	+3767.5	58.0	44.0	28.9	4 30	4 30	12.35	173.0
45	17	12 14.23	+3959.9	22 54 59.2	21 42 42.7	29.7	4 40	4 40	12.79	179.4
							4 50	4 50	13.26	185.8

## Beginning of the eclipse in Mean Time of Place.

W. Ln. fin. Gr.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
°	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	°
100	0 51 45	0 52 50	0 53 58	0 55 09	0 56 23	0 57 41	0 59 05	1 00 33	100
99	0 57 41	0 58 50	1 00 01	1 01 15	1 02 33	1 03 54	1 05 20	1 06 52	99
98	1 03 36	1 04 49	1 06 04	1 07 21	1 08 42	1 10 07	1 11 36	1 13 11	98
97	1 09 31	1 10 47	1 12 06	1 13 27	1 14 51	1 16 19	1 17 52	1 19 30	97
96	1 15 25	1 16 44	1 18 05	1 19 30	1 20 58	1 22 31	1 24 08	1 25 52	96
95	1 21 19	1 22 39	1 24 03	1 25 31	1 27 04	1 28 42	1 30 25	1 32 13	95
94	1 27 12	1 28 34	1 30 01	1 31 33	1 33 10	1 34 53	1 36 41	1 38 33	94
93	1 33 04	1 34 28	1 35 58	1 37 35	1 39 16	1 41 02	1 42 54	1 44 51	93
92	1 38 57	1 40 25	1 41 59	1 43 38	1 45 23	1 47 13	1 49 08	1 51 08	92
91	1 44 48	1 46 20	1 47 58	1 49 40	1 51 28	1 53 22	1 55 20	1 57 25	91
90	1 50 39	1 52 16	1 53 57	1 55 43	1 57 34	1 59 30	2 01 32	2 03 41	90
89	1 56 29	1 58 08	1 59 52	2 01 42	2 03 37	2 05 36	2 07 44	2 09 56	89
88	2 02 18	2 03 59	2 05 47	2 07 40	2 09 40	2 11 45	2 13 54	2 16 11	88
87	2 08 06	2 09 51	2 11 43	2 13 39	2 15 41	2 17 50	2 20 04	2 22 35	87
86	2 13 54	2 15 42	2 17 36	2 19 36	2 21 43	2 23 56	2 26 13	2 28 39	86
85	2 19 40	2 21 33	2 23 30	2 25 33	2 27 43	2 30 00	2 32 22	2 34 52	85
84	2 25 26	2 27 21	2 29 22	2 31 29	2 33 42	2 36 02	2 38 29	2 41 05	84
83	2 31 11	2 33 09	2 35 13	2 37 23	2 39 40	2 42 04	2 44 36	2 47 17	83
82	2 36 54	2 38 55	2 41 02	2 43 16	2 45 37	2 48 06	2 50 43	2 53 30	82
81	2 42 36	2 44 41	2 46 51	2 49 08	2 51 33	2 54 07	2 56 50	2 59 43	81
80	2 48 17	2 50 25	2 52 38	2 54 59	2 57 28	3 00 06	3 02 55	3 05 55	80
79	2 53 58	2 56 08	2 58 25	3 00 49	3 03 22	3 06 06	3 09 59	3 12 04	79
78	2 59 35	3 01 49	3 04 10	3 06 39	3 09 17	3 12 05	3 15 04	3 18 14	78
77	3 05 12	3 07 29	3 09 53	3 12 27	3 15 09	3 18 03	3 21 08	3 24 26	77
76	3 10 47	3 13 09	3 15 37	3 18 14	3 21 02	3 24 01	3 27 12	3 30 37	76
75	3 16 22	3 18 48	3 21 20	3 24 01	3 26 52	3 29 59	3 33 17	3 36 41	75
74	3 21 55	3 24 24	3 27 00	3 29 46	3 32 44	3 35 55	3 39 29	3 43 04	74
73	3 27 28	3 30 01	3 32 41	3 35 31	3 38 34	3 41 52	3 45 28	3 49 22	73
72	3 32 59	3 35 37	3 38 22	3 41 17	3 44 25	3 47 49	3 51 34	3 55 41	72
71	3 38 30	3 41 11	3 44 01	3 47 01	3 50 16	3 53 48	3 57 44	4 02 08	71
70	3 44 00	3 46 44	3 49 39	3 52 46	3 56 08	3 59 48	4 03 58	4 08 34	70
69	3 49 29	3 52 16	3 55 17	3 58 31	4 02 01	4 05 48	4 10 11	4 15 02	69
68	3 54 57	3 57 52	4 00 58	4 04 16	4 07 53	4 11 52	4 16 25	4 21 45	68
67	4 00 24	4 03 26	4 06 37	4 10 02	4 13 47	4 17 58	4 22 49	4 28 35	67
66	4 05 52	4 09 00	4 12 17	4 15 49	4 19 43	4 24 07	4 29 17	4 36 09	66
65	4 11 19	4 14 36	4 17 59	4 21 37	4 25 29	4 30 19	4 36 01		65
	45°	44°	43°	42°	41°	40°	39°	38°	

## Beginning of the Eclipse in Mean Time of Place.

W Ln. fm. Gr.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
°	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	°
100	1 02 08	1 03 48	1 05 36	1 07 32	1 09 36	1 11 49	1 14 11	1 16 42	100
99	1 08 30	1 10 14	1 12 06	1 14 06	1 16 15	1 18 34	1 21 02	1 23 41	99
98	1 14 52	1 16 41	1 18 37	1 20 32	1 22 56	1 25 19	1 27 54	1 30 40	98
97	1 21 16	1 23 08	1 25 09	1 27 18	1 29 37	1 32 07	1 34 47	1 37 40	97
96	1 27 41	1 29 37	1 31 40	1 33 54	1 36 18	1 38 54	1 41 42	1 44 42	96
95	1 34 07	1 36 06	1 38 13	1 40 31	1 43 00	1 45 42	1 48 37	1 51 45	95
94	1 40 31	1 42 34	1 44 45	1 47 08	1 49 43	1 52 31	1 55 33	1 58 60	94
93	1 46 54	1 49 01	1 51 18	1 53 46	1 56 27	1 59 21	2 02 31	2 05 57	93
92	1 53 16	1 55 28	1 57 50	2 00 24	2 03 11	2 06 12	2 09 31	2 13 07	92
91	1 59 37	2 01 55	2 04 23	2 07 03	2 09 55	2 13 04	2 16 32	2 20 19	91
90	2 05 57	2 08 21	2 10 56	2 13 42	2 16 42	2 19 58	2 23 36	2 27 35	90
89	2 12 17	2 14 46	2 17 27	2 20 19	2 23 26	2 26 51	2 30 37	2 34 46	89
88	2 18 37	2 21 11	2 23 58	2 26 56	2 30 11	2 33 46	2 37 44	2 42 08	88
87	2 24 56	2 27 36	2 30 29	2 33 34	2 36 57	2 40 43	2 44 57	2 49 42	87
86	2 31 15	2 34 00	2 37 00	2 40 10	2 43 43	2 47 43	2 52 19	2 57 34	86
85	2 37 33	2 40 25	2 43 32	2 46 48	2 50 31	2 54 49	2 59 52	3 05 47	85
84	2 43 52	2 46 50	2 50 04	2 53 36	2 57 32	3 01 56	3 07 12	3 14 06	84
83	2 50 11	2 53 15	2 56 37	3 00 21	3 04 22	3 09 12	3 15 05	3 23 31	83
82	2 56 30	2 59 42	3 03 12	3 07 04	3 11 38	3 16 38	3 23 17	3 37 00	82
81	3 02 49	3 06 07	3 09 47	3 13 54	3 18 40	3 24 11	3 32 10		81
80	3 09 07	3 12 34	3 16 22	3 20 50	3 25 49	3 32 11			80
79	3 15 24	3 19 02	3 22 57	3 27 49	3 33 20	3 41 16			79
78	3 21 41	3 25 28	3 29 32	3 34 48	3 41 08	3 52 41			78
77	3 27 57	3 31 49	3 36 10	3 42 04	3 49 27				77
76	3 34 14	3 38 11	3 42 56	3 49 38	3 59 22				76
75	3 40 32	3 45 04	3 49 58	3 57 47					75
74	3 47 04	3 51 50	3 57 34	4 07 01					74
73	3 53 38	3 58 49	4 05 45						73
72	4 00 18	4 06 06	4 14 38						72
71	4 07 07	4 13 45	4 29 27						71
70	4 14 07	4 21 50							70
69	4 21 20	4 34 08							69
68	4 29 14								68
67	4 38 42								67
66									66
65									65
	37°	36°	35°	34°	33°	32°	31°	30°	

End of the Eclipse in Mean Time of Place.

W. Ln. fm. Gr.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
°	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	°
100	2 57 51	2 58 04	2 58 14	2 58 19	2 58 20	2 58 14	2 53 03	2 57 45	100
99	3 02 31	3 02 43	3 02 52	3 02 56	3 02 56	3 02 51	3 02 39	3 02 20	99
98	3 07 09	3 07 19	3 07 27	3 07 31	3 07 30	3 07 24	3 07 12	3 06 53	98
97	3 11 44	3 11 54	3 12 00	3 12 03	3 12 02	3 11 55	3 11 42	3 11 22	97
96	3 16 18	3 16 25	3 16 31	3 16 33	3 16 31	3 16 23	3 16 09	3 15 49	96
95	3 20 48	3 20 55	3 21 00	3 21 01	3 20 58	3 20 49	3 20 33	3 20 10	95
94	3 25 17	3 25 23	3 25 27	3 25 28	3 25 23	3 25 13	3 24 56	3 24 31	94
93	3 29 42	3 29 49	3 29 52	3 29 52	3 29 46	3 29 34	3 29 15	3 28 48	93
92	3 34 06	3 34 12	3 34 14	3 34 13	3 34 06	3 33 53	3 33 32	3 33 03	92
91	3 38 27	3 38 32	3 38 33	3 38 31	3 38 23	3 38 08	3 37 46	3 37 15	91
90	3 42 46	3 42 50	3 42 51	3 42 47	3 42 38	3 42 21	3 41 57	3 41 23	90
89	3 47 02	3 47 04	3 47 04	3 46 59	3 46 48	3 46 30	3 46 04	3 45 28	89
88	3 51 16	3 51 15	3 51 13	3 51 07	3 50 55	3 50 36	3 50 09	3 49 31	88
87	3 55 27	3 55 25	3 55 21	3 55 13	3 55 00	3 54 39	3 54 10	3 53 29	87
86	3 59 37	3 59 31	3 59 24	3 59 15	3 59 01	3 58 39	3 58 09	3 57 27	86
85	4 03 44	4 03 44	4 03 38	4 03 25	4 03 01	4 02 37	4 02 05	4 01 22	85
84	4 07 50	4 07 46	4 07 37	4 07 23	4 07 02	4 06 31	4 05 54	4 05 05	84
83	4 11 54	4 11 47	4 11 36	4 11 19	4 10 56	4 10 23	4 09 42	4 08 48	83
82	4 15 56	4 15 45	4 15 31	4 15 13	4 14 48	4 14 13	4 13 28	4 12 27	82
81	sunset.	4 20 38	4 19 43	4 19 04	4 18 33	4 17 59	4 17 09	4 16 05	81
80		sunset.	4 23 27	4 22 54	4 22 20	4 21 42	4 20 47	4 19 39	80
79			sunset.	4 26 40	4 26 06	4 25 22	4 24 25	4 23 11	79
78				sunset.	4 29 51	4 28 59	4 27 42	4 26 25	78
77					sunset.	4 32 32	4 31 28	4 29 57	77
76						sunset.	4 35 24	4 33 19	76
75							sunset.	4 38 31	75
74								4 39 33	74
73								sunset.	73
72									72
71									71
70									70
69									69
68									68
67									67
66									66
65									65
	45°	44°	43°	42°	41°	40°	39°	38°	
sun's upper limb	h. m. 4 19.2	h. m. 4 22.7	h. m. 4 26.1	h. m. 4 29.3	h. m. 4 32.4	h. m. 4 35.5	h. m. 4 38.4	h. m. 4 41.2	set- or. for refrac

## End of the Eclipse in Mean Time of Place.

W. Ln. fm. Gr.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
°	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	°
100	2 57 19	2 56 46	2 56 03	2 55 11	2 54 10	2 52 57	2 51 34	2 49 59	100
99	3 01 54	3 01 20	3 00 36	2 59 42	2 58 38	2 57 22	2 55 54	2 54 14	99
98	3 06 26	3 05 50	3 05 05	3 04 09	3 03 02	3 01 43	3 00 11	2 58 26	98
97	3 10 54	3 10 16	3 09 29	3 08 31	3 07 22	3 05 59	3 04 24	3 02 34	97
96	3 15 18	3 14 39	3 13 50	3 12 50	3 11 37	3 10 12	3 08 33	3 06 38	96
95	3 19 39	3 18 58	3 18 06	3 17 04	3 15 46	3 14 19	3 12 36	3 10 37	95
94	3 23 57	3 23 15	3 22 19	3 21 13	3 19 54	3 18 21	3 16 33	3 14 30	94
93	3 28 12	3 27 26	3 26 28	3 25 18	3 23 55	3 22 17	3 20 25	3 18 16	93
92	3 32 25	3 31 36	3 30 34	3 29 20	3 27 52	3 26 09	3 24 10	3 21 54	92
91	3 36 34	3 35 41	3 34 36	3 33 18	3 31 44	3 29 55	3 27 46	3 25 23	91
90	3 40 38	3 39 42	3 38 32	3 37 08	3 35 28	3 33 31	3 31 17	3 28 43	90
89	3 44 40	3 43 41	3 42 27	3 40 57	3 39 10	3 37 04	3 34 39	3 31 53	89
88	3 48 40	3 47 37	3 46 18	3 44 41	3 42 46	3 40 31	3 37 53	3 34 51	88
87	3 52 37	3 51 29	3 50 05	3 48 23	3 46 21	3 43 57	3 41 09	3 37 56	87
86	3 56 30	3 55 18	3 53 40	3 51 59	3 49 47	3 47 11	3 44 07	3 40 34	86
85	4 00 22	3 59 05	3 57 26	3 55 26	3 52 59	3 50 02	3 46 34	3 42 31	85
84	4 04 02	4 02 41	4 01 02	3 59 13	3 56 28	3 53 11	3 49 03	3 43 57	84
83	4 07 41	4 06 16	4 04 31	4 02 25	3 59 43	3 56 48	3 53 53	3 49 43	83
82	4 11 11	4 09 40	4 07 53	4 06 39	4 02 45	3 59 09	3 55 52	3 51 44	82
81	4 14 46	4 13 16	4 11 10	4 09 47	4 05 32	4 01 01	3 54 52		81
80	4 18 15	4 16 30	4 14 19	4 11 43	4 08 06	4 02 58			80
79	4 21 38	4 19 46	4 17 22	4 14 17	4 10 26	4 05 36			79
78	4 24 56	4 22 59	4 20 16	4 16 33	4 11 31	4 04 24			78
77	4 28 09	4 26 04	4 23 59	4 18 43	4 12 19				77
76	4 31 18	4 29 07	4 25 36	4 20 05	4 13 01				76
75	4 34 18	4 31 47	4 28 02	4 21 19					75
74	4 37 15	4 34 22	4 30 06	4 22 45					74
73	4 40 02	4 36 38	4 31 34						73
72	4 42 39	4 38 23	4 32 06						72
71		4 39 54	4 27 49						71
70		4 41 10							70
69		4 38 57							69
68									68
67									67
66									66
65									65
	37°	36°	35°	34°	33°	32°	31°	30°	
Sun's upper limb	h. m. 4 44.0	h. m. 4 46.6	h. m. 4 49.2	h. m. 4 51.8	h. m. 4 54.2	h. m. 4 56.6	h. m. 4 59.0	h. m. 5 01.3	sets. at. by refra.

Digits of greatest obscuration on the Sun's northern limb, for places in the United States, previously to the setting of the Sun's upper limb.

Long.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
100	5 54	5 43	5 32	5 21	5 10	4 55	4 41	4 28	100
99	5 48	5 38	5 26	5 15	5 4	4 49	4 35	4 22	99
98	5 43	5 32	5 20	5 9	4 57	4 42	4 28	4 15	98
97	5 37	5 26	5 14	5 3	4 50	4 36	4 22	4 9	97
96	5 31	5 20	5 8	4 57	4 43	4 29	4 15	4 2	96
95	5 25	5 14	5 2	4 50	4 36	4 22	4 8	3 55	95
94	5 19	5 8	4 56	4 44	4 30	4 16	4 1	3 48	94
93	5 13	5 1	4 50	4 38	4 23	4 9	3 54	3 41	93
92	5 7	4 55	4 43	4 31	4 17	4 2	3 47	3 34	92
91	5 1	4 49	4 37	4 25	4 10	3 55	3 40	3 27	91
90	4 54	4 42	4 30	4 18	4 3	3 48	3 33	3 19	90
89	4 48	4 36	4 24	4 11	3 56	3 41	3 26	3 12	89
88	4 42	4 29	4 17	4 4	3 49	3 34	3 18	3 4	88
87	4 35	4 23	4 10	3 57	3 42	3 27	3 11	2 57	87
86	4 29	4 16	4 3	3 50	3 35	3 20	3 4	2 49	86
85	4 22	4 9	3 56	3 43	3 28	3 12	2 56	2 41	85
84	4 16	4 3	3 49	3 35	3 21	3 5	2 49	2 34	84
83	4 9	3 56	3 43	3 27	3 13	2 57	2 41	2 26	83
82	4 3	3 49	3 34	3 19	3 5	2 50	2 34	2 18	82
81	3 56	3 42	3 27	3 12	2 57	2 42	2 26	2 10	81
80	3 49	3 35	3 20	3 5	2 49	2 34	2 18	2 2	80
79	3 42	3 28	3 13	2 58	2 42	2 27	2 11	1 55	79
78	3 35	3 21	3 6	2 51	2 35	2 19	2 3	1 47	78
77	3 27	3 13	2 58	2 43	2 27	2 11	1 55	1 39	77
76	3 20	3 5	2 50	2 35	2 20	2 4	1 48	1 32	76
75	3 12	2 57	2 42	2 27	2 12	1 56	1 40	1 24	75
74	3 5	2 50	2 35	2 20	2 5	1 49	1 32	1 16	74
73	2 58	2 43	2 27	2 12	1 57	1 41	1 24	1 8	73
72	2 51	2 35	2 20	2 5	1 50	1 33	1 16	1 0	72
71	2 36	2 28	2 13	1 58	1 42	1 25	1 8	0 52	71
70	2 21	2 13	2 06	1 50	1 34	1 17	1 0	0 44	70
69	2 00	1 55	1 50	1 36	1 26	1 10	0 53	0 36	69
68	1 40	1 37	1 34	1 22	1 10	1 2	0 45	0 28	68
67	1 20	1 19	1 18	1 6	0 55	0 47	0 37	0 20	67
66	1 00	0 58	0 57	0 48	0 40	0 32	0 20	0 13	66
65	0 40	0 38	0 35	0 32	0 25	0 17	0 4		65
	45°	44°	43°	42°	41°	40°	39°	38°	

Note. For all places below the line in each column the greatest obscuration was computed for the setting of the Sun's upper limb corrected for refraction.

Digits of greatest obscuration on the Sun's northern limb, for places in the United States, previously to the setting of the Sun's upper limb.

Long.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
100	4 14	4 0	3 46	3 31	3 15	2 59	2 44	2 28	100
99	4 8	3 54	3 39	3 25	3 9	2 54	2 38	2 21	99
98	4 1	3 47	3 32	3 18	3 3	2 48	2 31	2 13	98
97	3 55	3 40	3 25	3 11	2 57	2 42	2 24	2 6	97
96	3 49	3 33	3 18	3 4	2 51	2 36	2 17	1 58	96
95	3 42	3 26	3 10	2 57	2 44	2 30	2 10	1 50	95
94	3 35	3 19	3 3	2 50	2 36	2 22	2 2	1 42	94
93	3 27	3 11	2 56	2 42	2 28	2 14	1 54	1 34	93
92	3 20	3 4	2 49	2 35	2 20	2 6	1 46	1 26	92
91	3 13	2 57	2 42	2 27	2 12	1 58	1 38	1 18	91
90	3 5	2 49	2 34	2 19	2 4	1 49	1 29	1 10	90
89	2 58	2 42	2 26	2 11	1 56	1 41	1 21	1 1	89
88	2 50	2 34	2 18	2 3	1 48	1 32	1 12	0 52	88
87	2 42	2 26	2 10	1 55	1 40	1 24	1 4	0 43	87
86	2 34	2 18	2 2	1 47	1 32	1 15	0 56	0 34	86
85	2 26	2 10	1 54	1 38	1 23	1 7	0 47	0 26	85
84	2 18	2 2	1 46	1 30	1 14	0 58	0 38	0 17	84
83	2 10	1 54	1 38	1 21	1 5	0 49	0 28	0 8	83
82	2 2	1 46	1 30	1 13	0 55	0 39	0 19	0 1	82
81	1 54	1 38	1 22	1 4	0 46	0 31	0 9		81
80	1 46	1 29	1 13	0 56	0 38	0 22			80
79	1 38	1 22	1 6	0 47	0 29	0 13			79
78	1 31	1 14	0 58	0 39	0 20	0 4			78
77	1 23	1 6	0 50	0 30	0 12				77
76	1 15	0 59	0 41	0 22	0 4				76
75	1 7	0 51	0 32	0 13					75
74	0 59	0 42	0 23	0 5					74
73	0 51	0 34	0 15						73
72	0 43	0 25	0 6						72
71	0 35	0 16	0 0						71
70	0 27	0 8							70
69	0 19	0 0							69
68	0 11								68
67	0 3								67
66									66
65									65
	37°	36°	35°	34°	33°	32°	31°	30°	



Angle of first point of contact from the northern point of the Sun's limb towards the West ;  
and, in an inverting telescope, from the southern point towards the East.

Long.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
100	61 52.9	61 00.8	60 05.3	59 06.4	58 03.9	56 57.9	55 50.8	54 39.5	100
99	61 37.7	60 44.0	59 47.4	58 48.2	57 45.3	56 38.9	55 31.5	54 18.9	99
98	61 21.6	60 26.2	59 28.5	58 28.8	57 25.3	56 18.3	55 10.3	53 56.3	98
97	61 04.6	60 07.5	59 08.4	58 08.3	57 03.7	55 56.3	54 47.2	53 31.6	97
96	60 46.5	59 47.7	58 47.5	57 46.5	56 40.9	55 32.5	54 22.2	53 05.0	96
95	60 27.4	59 26.9	58 25.6	57 23.5	56 16.7	55 07.1	53 55.3	52 36.4	95
94	60 08.3	59 05.0	58 03.1	56 59.5	55 51.3	54 39.9	53 26.2	52 05.6	94
93	59 44.2	58 42.1	57 39.3	56 34.1	55 24.4	54 10.1	52 55.3	51 32.9	93
92	59 20.7	58 18.4	57 14.3	56 07.2	54 55.8	53 40.9	52 22.7	50 58.1	92
91	58 56.6	57 53.5	56 47.9	55 39.1	54 25.9	53 08.9	51 48.2	50 21.6	91
90	58 31.5	57 27.6	56 20.2	55 09.5	53 54.5	52 35.3	51 11.9	49 43.2	90
89	58 02.1	56 58.9	55 49.6	54 37.6	53 21.0	52 00.0	50 34.6	49 03.6	89
88	57 31.7	56 28.6	55 17.6	54 04.2	52 45.9	51 23.0	49 55.5	48 22.0	88
87	57 05.2	55 56.6	54 44.2	53 29.1	52 09.4	50 44.2	49 14.6	47 38.5	87
86	56 32.8	55 23.1	54 09.4	52 52.7	51 31.1	50 04.0	48 31.9	46 52.9	86
85	55 59.4	54 48.0	53 33.2	52 14.8	50 51.2	49 22.2	47 47.4	46 05.3	85
84	55 26.8	54 13.0	52 56.6	51 36.1	50 10.2	48 39.0	47 01.2	45 14.9	84
83	54 52.2	53 36.9	52 18.7	50 55.9	49 27.7	47 54.0	46 12.9	44 22.3	83
82	54 16.6	52 59.8	51 39.4	50 14.2	48 43.7	47 07.3	45 22.4	43 27.7	82
81	53 38.9	52 21.5	50 58.9	49 31.0	47 58.2	46 18.7	44 29.9	42 30.7	81
80	53 01.1	51 42.1	50 17.1	48 46.3	47 11.2	45 28.3	43 35.3	41 31.5	80
79	52 22.2	51 01.0	49 33.8	48 00.3	46 23.7	44 35.5	42 39.0	40 30.2	79
78	51 42.3	50 18.7	48 49.0	47 12.7	45 34.2	43 40.5	41 40.2	39 26.7	78
77	51 01.0	49 35.1	48 02.9	46 23.3	44 42.7	42 43.1	40 38.7	38 21.1	77
76	50 19.1	48 50.4	47 15.1	45 32.5	43 49.2	41 43.7	39 34.9	37 13.2	76
75	49 36.2	48 04.5	46 25.9	44 40.1	42 53.7	40 42.1	38 28.6	36 03.1	75
74	48 51.5	47 18.6	45 36.8	43 46.6	41 54.0	39 39.6	37 22.3	34 44.4	74
73	48 03.8	46 29.3	44 44.1	42 50.9	40 51.7	38 33.8	36 11.4	33 19.7	73
72	47 16.8	45 36.7	43 47.6	41 52.8	39 46.7	37 23.9	34 55.7	31 49.0	72
71	46 31.1	44 44.6	42 51.5	40 52.7	38 39.2	36 11.5	33 35.6	30 12.3	71
70	45 42.4	43 51.1	41 53.7	39 50.4	37 29.1	34 55.9	32 10.9	28 29.6	70
69	44 50.9	42 56.7	41 02.2	38 46.1	36 16.6	33 36.1	30 39.9	26 40.9	69
68	43 58.4	42 01.1	40 10.2	37 38.4	35 01.5	32 11.3	29 00.5	24 32.1	68
67	43 05.6	41 04.3	38 53.4	36 27.3	33 43.6	30 41.4	27 11.6	22 05.4	67
66	42 10.1	40 06.3	37 57.4	35 12.9	32 23.3	29 06.6	25 14.4	19 32.6	66
65	41 14.6	39 07.1	36 40.5	33 55.0	31 00.4	27 26.9	23 11.8		65
	45°	44°	43°	42°	41°	40°	39°	38°	

Angle of first point of contact from the northern point of the Sun's limb towards the West;  
and, in an inverting telescope, from the southern point towards the East.

Long.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
100	53 23.8	52 04.1	50 40.2	49 10.1	47 34.4	45 53.0	44 08.9	42 20.6	100
99	53 00.5	51 39.8	50 14.9	48 44.8	47 07.8	45 24.0	43 33.0	41 31.8	99
98	52 35.4	51 13.5	49 47.3	48 16.7	46 38.0	44 51.5	42 54.0	40 42.0	98
97	52 08.4	50 45.2	49 17.3	47 45.7	46 05.1	44 15.3	42 13.8	39 54.0	97
96	51 39.7	50 14.9	48 45.1	47 12.0	45 28.9	43 35.8	41 28.6	39 01.2	96
95	51 09.2	49 42.6	48 10.6	46 35.5	44 49.5	42 52.8	40 38.4	38 06.4	95
94	50 37.2	49 08.8	47 34.0	45 55.3	44 06.4	42 06.8	39 50.2	37 14.9	94
93	50 03.2	48 32.6	46 54.9	45 13.3	43 20.1	41 17.0	38 57.3	36 18.4	93
92	49 27.4	47 54.1	46 13.4	44 27.1	42 30.7	40 23.3	37 59.7	35 17.1	92
91	48 49.4	47 13.1	45 29.3	43 39.0	41 38.0	39 25.9	36 57.4	34 12.6	91
90	48 09.4	46 29.7	44 42.7	42 48.1	40 42.1	38 24.7	35 50.4	33 04.1	90
89	47 27.3	45 45.2	43 54.3	41 56.8	39 46.0	37 19.2	34 33.3	31 43.0	89
88	46 42.9	44 57.9	43 02.9	41 01.8	38 45.4	36 09.2	33 10.0	30 12.0	88
87	45 56.2	44 07.6	42 08.5	40 03.3	37 40.1	34 55.2	31 40.6	28 30.9	87
86	45 07.2	43 14.7	41 11.1	39 00.9	36 30.8	33 36.5	30 04.9	26 33.7	86
85	44 15.9	42 19.0	40 10.7	37 54.8	35 16.7	32 13.4	28 23.0	24 16.5	85
84	43 20.7	41 20.7	39 05.9	36 44.2	33 55.8	30 30.6	26 34.7	21 45.6	84
83	42 23.2	40 19.1	37 57.6	35 27.9	32 27.4	28 38.7	24 40.3	18 20.1	83
82	41 23.6	39 14.4	36 45.9	34 06.1	30 51.9	26 37.9	22 09.5	11 27.4	82
81	40 21.5	38 06.2	35 30.6	32 38.4	29 08.6	24 39.0	19 08.8		81
80	39 17.1	36 54.7	34 11.8	31 05.0	27 19.7	22 33.3			80
79	38 11.7	35 41.1	32 51.5	29 19.7	25 13.8	19 11.5			79
78	37 03.0	34 22.5	31 26.2	27 31.5	22 43.4	13 37.5			78
77	35 53.9	32 58.9	29 55.9	25 27.6	19 47.2				77
76	34 41.6	31 30.3	28 53.8	23 08.3	15 18.5				76
75	33 27.0	29 56.7	25 41.7	20 09.2					75
74	31 47.2	28 13.7	23 18.0	16 13.7					74
73	30 02.7	26 10.8	20 40.3						73
72	28 13.6	23 48.0	16 56.9						72
71	26 19.8	21 05.1	9 11.2						71
70	24 10.6	17 42.6							70
69	21 41.4	10 22.5							69
68	18 33.9								68
67	13 49.9								67
66									66
65									65
	37°	36°	35°	34°	33°	32°	31°	30°	

Angle of first point of contact from the vertex of the Sun's limb towards the West; and in an inverting telescope, from the lowest point of the Sun's limb towards the East.

Long.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
100	73 27.3	72 58.2	72 29.0	71 59.6	71 30.2	71 00.7	70 30.2	69 58.0	100
99	74 14.9	73 47.8	73 22.2	72 56.3	72 27.5	72 00.4	71 32.8	71 02.9	99
98	75 01.3	74 35.9	74 12.3	73 48.4	73 21.9	72 56.9	72 31.0	72 03.0	98
97	75 46.5	75 22.4	74 59.3	74 36.0	74 13.3	73 50.4	73 25.4	72 58.5	97
96	76 30.5	76 07.5	75 45.2	75 22.9	75 01.9	74 40.5	74 15.8	73 49.0	96
95	77 13.3	76 52.1	76 29.0	76 07.2	75 47.6	75 27.4	75 02.2	74 34.7	95
94	77 55.0	77 32.6	77 10.7	76 49.1	76 30.6	76 11.1	75 45.4	75 16.2	94
93	78 34.5	78 11.8	77 49.9	77 28.4	76 10.7	77 51.6	76 25.0	75 54.1	93
92	79 11.6	78 48.8	78 26.8	78 05.2	77 48.0	77 29.0	77 00.9	76 28.2	92
91	79 46.7	79 23.4	79 01.0	78 39.3	78 22.3	78 03.1	77 33.3	76 59.0	91
90	80 19.6	79 55.7	79 32.7	79 10.8	78 53.7	78 34.0	78 02.1	77 26.1	90
89	80 46.3	80 23.1	80 01.0	79 39.4	79 21.8	79 01.1	78 27.7	77 50.3	89
88	81 10.6	80 43.2	80 26.8	80 05.4	79 47.0	79 25.1	78 50.3	78 11.5	88
87	81 32.4	81 10.9	80 50.2	80 28.9	80 09.5	79 46.1	79 09.9	78 29.5	87
86	81 51.9	81 31.4	81 11.0	80 49.7	80 28.9	80 03.9	79 26.5	78 44.7	86
85	82 09.0	81 46.6	81 29.3	81 07.9	80 45.4	80 18.6	79 40.1	78 56.9	85
84	82 26.8	82 07.5	81 46.6	81 24.3	81 00.2	80 31.5	79 52.1	79 07.6	84
83	82 42.6	82 23.1	82 01.4	81 38.0	81 12.1	80 41.3	80 01.0	79 15.0	83
82	82 56.4	82 36.3	82 14.9	81 40.1	81 21.0	80 48.2	80 06.8	79 18.9	82
81	83 06.0	82 47.3	82 23.7	81 57.4	81 27.1	80 51.9	80 09.5	79 19.7	81
80	83 18.0	82 56.0	82 31.0	82 03.0	81 30.3	80 52.8	80 09.1	79 17.2	80
79	83 24.6	83 01.0	82 34.2	82 05.0	81 30.0	80 49.4	80 06.3	79 12.5	79
78	83 29.0	83 03.6	82 34.9	82 04.1	81 26.6	80 43.1	79 59.4	79 02.4	78
77	83 31.3	83 03.9	82 33.2	82 00.4	81 20.0	80 32.3	79 47.4	78 46.9	77
76	83 31.3	83 01.7	82 28.9	81 53.7	81 10.4	80 20.2	79 32.3	78 26.0	76
75	83 29.1	82 57.1	82 22.1	81 44.1	80 57.7	80 03.7	79 13.1	77 59.7	75
74	83 25.4	82 51.7	82 12.9	81 32.3	80 42.3	79 45.1	79 49.1	77 27.5	74
73	83 19.5	82 43.9	82 01.5	81 17.5	80 23.3	79 22.1	79 19.7	76 46.7	73
72	83 11.3	82 33.6	81 47.9	80 59.4	80 00.9	78 54.6	77 45.1	75 57.7	72
71	83 00.9	82 21.0	81 32.3	80 38.3	79 34.7	78 22.8	77 04.9	75 09.4	71
70	82 48.4	82 06.0	81 14.6	80 14.2	79 04.9	77 46.6	76 19.2	73 54.6	70
69	82 33.4	81 47.8	80 49.1	79 44.6	78 30.8	77 05.3	75 27.6	72 40.4	69
68	82 16.2	81 27.2	80 23.7	79 13.3	77 52.1	76 16.0	74 29.3	71 17.8	68
67	81 55.8	81 04.3	80 00.4	78 40.5	77 10.6	75 24.5	73 23.3	69 46.8	67
66	81 34.2	80 38.9	79 27.4	78 01.8	76 20.7	74 25.2	72 11.8	68 07.4	66
65	81 11.4	80 11.1	78 53.4	77 19.1	75 28.2	73 19.9	70 54.7		65
	45°	44°	43°	42°	41°	40°	39°	38°	

Angle of first point of contact from the vertex of the Sun's limb towards the West; and, in an inverting telescope, from the lower point of the Sun's limb towards the East.

Long.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
100	69 24.1	68 48.5	68 11.2	67 21.4	66 38.3	65 51.7	65 02.0	64 19.0	100
99	70 31.2	69 53.6	69 12.6	68 25.7	67 42.8	66 58.0	66 03.4	65 09.4	99
98	71 33.0	70 53.0	70 10.0	69 25.6	68 42.9	67 59.1	66 59.8	65 56.6	98
97	72 29.0	71 46.8	71 03.4	70 21.1	69 38.5	68 55.0	67 51.3	66 40.6	97
96	73 19.7	72 36.8	71 52.6	71 12.2	70 29.8	69 45.7	68 37.7	67 21.4	96
95	74 04.9	73 22.1	72 38.0	71 58.9	71 16.7	70 31.2	69 19.1	67 59.0	95
94	74 45.1	74 03.0	73 19.7	72 40.7	71 58.0	71 11.5	70 02.3	68 39.7	94
93	75 21.3	74 40.0	73 57.4	72 18.1	72 34.3	71 46.0	70 37.9	69 13.6	93
92	75 53.4	75 13.2	74 31.3	73 50.9	73 05.5	72 14.9	71 06.0	69 40.5	92
91	76 21.6	75 42.4	75 01.0	74 19.5	73 31.8	72 37.8	71 28.4	70 02.8	91
90	76 45.8	76 07.7	75 26.7	74 43.7	73 53.1	72 54.9	71 44.2	70 19.3	90
89	77 03.9	76 30.7	75 49.0	75 03.0	74 06.9	73 05.5	71 43.9	70 04.5	89
88	77 28.8	76 49.9	76 06.9	75 17.8	74 16.3	73 09.5	71 38.6	69 41.7	88
87	77 45.5	77 05.5	76 20.2	75 28.2	74 21.2	73 07.7	71 22.1	69 10.9	87
86	77 58.9	77 17.1	76 29.3	75 34.0	74 21.8	72 58.5	71 00.8	68 33.6	86
85	78 09.2	77 24.7	76 34.0	75 35.3	74 18.0	72 41.7	70 32.5	67 40.2	85
84	78 18.6	77 30.5	76 33.9	75 31.7	74 12.7	72 05.9	70 00.3	66 30.3	84
83	78 24.0	77 31.2	76 28.4	75 23.2	74 03.9	71 20.3	69 22.2	65 13.7	83
82	78 25.6	77 27.0	76 18.5	75 10.0	73 51.8	70 25.1	68 38.1	59 24.4	82
81	78 23.0	77 17.5	76 02.2	74 51.7	73 36.0	69 22.2	67 48.0		81
80	78 16.4	77 02.9	75 40.5	74 28.5	73 16.7	68 10.4			80
79	78 05.0	76 39.1	74 56.5	73 31.8	71 20.5	66 37.0			79
78	77 48.0	76 09.2	74 04.9	72 23.0	69 14.4	63 19.7			78
77	77 25.5	75 33.5	73 05.5	71 02.3	67 01.3				77
76	76 57.3	74 51.7	72 06.2	69 33.1	64 38.2				76
75	76 23.5	74 03.9	71 00.3	67 54.0					75
74	75 34.0	73 00.5	69 48.5	66 50.7					74
73	74 06.6	71 48.1	68 30.1						73
72	73 31.1	70 26.6	65 13.6						72
71	72 17.8	68 56.2	58 55.4						71
70	70 58.5	67 16.8							70
69	69 32.0	65 28.4							69
68	68 49.0								68
67	62 56.8								67
66									66
65									65
	37°	36°	35°	34°	33°	32°	31°	30°	

Angle of last point of contact from the northern point of the Sun's limb towards the East and, in an inverting telescope, from the southern point of the Sun's limb towards the West.

Long.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
108	51 16.9	50 06.7	48 53.9	47 38.7	46 20.7	45 00.1	43 36.3	42 08.5	100
99	50 42.5	49 30.9	48 17.0	47 00.3	45 41.0	44 18.7	42 54.1	41 34.8	99
98	50 07.6	48 54.7	47 39.6	46 21.4	45 00.7	43 36.8	42 11.2	40 40.4	98
97	49 32.1	48 17.9	47 01.5	45 42.0	44 20.0	42 54.4	41 27.2	39 55.1	97
96	48 56.2	47 40.9	46 23.1	45 12.1	43 38.5	42 11.5	40 42.9	39 09.3	96
95	48 19.8	47 03.5	45 44.2	44 21.7	42 56.4	41 28.1	39 57.9	38 23.8	95
94	47 43.0	46 25.9	45 03.4	43 39.4	42 13.1	40 44.2	39 12.5	37 35.1	94
93	47 05.5	45 47.3	44 22.4	42 56.9	41 29.4	39 59.6	38 26.3	36 46.7	93
92	46 28.0	45 07.9	43 41.2	42 14.2	40 45.5	39 14.4	37 37.2	35 57.5	92
91	45 49.7	44 27.3	42 59.8	41 31.3	40 01.0	38 26.4	36 49.4	35 07.7	91
90	45 10.9	43 45.7	42 18.2	40 48.2	39 16.1	37 41.7	36 02.8	34 17.2	90
89	44 31.8	43 06.6	41 41.0	40 08.5	38 32.2	36 52.8	35 12.8	33 24.9	89
88	43 52.2	42 27.5	41 02.6	39 27.9	37 49.2	36 03.5	34 22.0	32 31.7	88
87	43 12.0	41 48.5	40 23.2	38 46.0	37 04.0	35 13.7	33 30.6	31 37.8	87
86	42 31.4	41 09.4	39 42.4	38 03.6	36 17.8	34 23.6	32 38.2	30 42.8	86
85	41 50.2	40 30.2	38 00.4	37 20.4	35 30.5	33 33.1	31 45.0	29 46.9	85
84	41 08.9	39 45.2	36 13.1	36 28.9	34 40.2	32 43.4	30 51.0	28 48.1	84
83	40 27.1	38 58.2	35 22.7	35 37.2	33 50.9	31 53.6	29 55.9	27 48.2	83
82	39 44.7	38 09.1	34 29.4	34 45.8	32 59.2	31 02.9	29 59.2	26 47.0	82
81		37 18.0	33 33.1	33 54.9	32 06.2	30 02.8	28 07.6	26 01.0	81
80			32 33.8	33 04.1	31 11.0	29 01.6	27 15.2	25 14.9	80
79				32 12.2	30 15.2	28 38.5	26 23.0	24 28.9	79
78					29 18.0	27 54.7	25 33.0	22 50.1	78
77						26 54.7	24 30.0	21 01.4	77
76							23 20.0	19 54.9	76
75								18 38.5	75
74								17 12.0	74
73									73
72									72
71									71
70									70
69									69
68									68
67									67
66									66
65									65
	45°	44°	43°	42°	41°	40°	39°	38°	

Angle of last point of contact from the northern point of the Sun's limb towards the East; and, in an inverting telescope, from the southern point of the Sun's limb towards the West.

Long.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
100	40 36.9	39 01.1	37 21.3	35 36.5	33 46.1	31 50.1	29 48.5	27 41.3	100
99	39 51.6	38 14.6	36 83.2	34 45.9	32 54.0	30 53.9	28 48.9	26 40.9	99
98	39 05.5	37 27.0	35 43.8	33 54.1	32 00.1	29 56.4	27 47.3	25 37.5	98
97	38 18.8	36 38.4	34 53.3	33 01.2	31 04.4	28 57.5	26 43.8	24 31.3	97
96	37 31.1	35 48.6	34 01.3	32 07.0	30 06.9	27 57.4	25 38.2	23 21.9	96
95	36 42.6	34 57.7	33 07.9	31 11.6	29 07.6	26 56.0	24 30.6	22 09.5	95
94	35 53.1	34 05.6	32 13.4	30 14.6	28 06.2	25 52.2	23 23.6	20 57.1	94
93	35 02.6	33 12.4	31 17.4	29 15.6	27 02.8	24 45.1	22 12.7	19 39.7	93
92	34 11.1	32 18.0	30 19.9	28 14.0	25 57.3	23 34.8	20 57.7	18 17.4	92
91	33 18.6	31 22.6	29 20.9	27 11.0	24 49.9	22 21.1	19 39.0	16 50.0	91
90	32 25.1	30 26.1	28 20.4	26 06.0	23 40.5	21 04.1	18 16.4	15 17.6	90
89	31 30.7	29 28.5	27 16.7	24 57.9	22 24.3	19 44.5	16 57.2	13 33.1	89
88	30 34.9	28 29.8	26 12.1	23 47.4	21 05.8	18 19.3	15 26.2	11 42.6	88
87	29 37.6	27 29.8	25 06.5	22 37.3	19 44.5	16 49.5	13 33.6	9 45.1	87
86	28 39.0	26 28.9	24 00.1	21 22.0	18 21.7	15 13.1	11 49.0	7 43.6	86
85	27 39.0	25 26.9	22 52.8	20 04.3	16 56.8	13 30.1	9 42.8	5 35.1	85
84	26 36.1	24 25.7	21 52.5	18 55.1	15 37.8	11 31.0	7 05.8	3 29.3	84
83	25 31.6	23 19.8	20 46.2	17 41.0	14 12.6	9 32.3	4 09.0	0 57.6	83
82	24 25.3	22 14.5	19 33.7	16 22.2	12 41.4	7 31.8	0 52.2	355 21.7	82
81	23 18.0	21 01.8	17 56.5	14 52.2	11 06.7	5 48.7	357 52.2		81
80	22 08.2	19 44.0	16 20.9	13 10.1	9 10.0	4 05.6			80
79	20 56.1	18 21.3	15 07.8	11 15.9	6 45.1	2 22.5			79
78	19 40.8	16 51.4	13 35.6	9 09.8	4 18.2	355 56.7			78
77	18 21.7	15 14.5	11 49.6	6 45.9	0 54.4				77
76	16 59.0	13 30.6	9 50.0	4 04.4	356 31.5				76
75	15 32.2	11 39.7	7 36.3	1 04.9					75
74	14 00.3	9 37.4	5 09.8	357 47.6					74
73	12 23.5	7 36.5	2 30.4						73
72	10 35.4	5 24.6	358 42.1						72
71		3 05.7	350 48.8						71
70		359 01.2							70
69		352 12.5							69
68									68
67									67
66									66
65									65
	37°	36°	35°	34°	33°	32°	31°	30°	

Angle of last point of contact from the vertex of the Sun towards the West; and, in an inverting telescope, from the lowest point of the Sun's limb towards the East.

Long.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
100	340 46.1	342 22.6	344 14.0	345 50.4	347 41.6	349 37.7	351 36.7	353 44.2	100
99	341 38.3	343 24.3	345 09.5	347 00.3	348 55.9	350 56.7	352 02.3	355 12.1	99
98	342 33.9	344 26.0	346 15.0	348 10.2	350 10.2	352 15.7	354 25.9	356 40.0	98
97	343 32.7	345 27.8	347 21.5	349 20.9	351 24.6	353 34.5	355 49.4	358 07.9	97
96	344 33.1	346 29.5	348 27.0	350 30.0	352 38.9	354 53.5	357 13.0	359 35.8	96
95	345 35.9	347 31.2	349 32.5	351 39.9	353 53.2	356 12.5	358 36.6	1 03.7	95
94	346 44.4	348 44.4	350 48.1	352 57.4	355 11.9	357 31.9	359 55.7	2 23.1	94
93	347 53.7	349 57.6	352 03.7	354 14.9	356 30.6	358 51.3	1 14.8	3 42.5	93
92	349 04.0	351 10.7	353 19.4	355 32.3	357 49.4	0 10.5	2 34.0	5 01.8	92
91	350 14.9	352 23.9	354 35.0	356 49.8	359 08.1	1 29.9	3 53.1	6 21.2	91
90	351 26.6	353 37.1	355 50.6	358 07.3	0 26.8	2 49.3	5 12.2	7 40.6	90
89	352 34.4	354 43.2	356 57.3	359 16.2	1 39.7	4 06.7	6 28.3	9 03.9	89
88	353 41.7	355 49.2	358 04.0	0 25.3	2 52.6	5 24.1	7 44.4	10 27.2	88
87	354 48.0	356 55.5	359 10.6	1 34.2	4 05.3	6 41.6	9 00.7	11 50.5	87
86	355 54.7	358 01.6	0 17.2	2 43.2	5 18.2	7 59.0	10 16.8	13 13.8	86
85	357 00.5	359 07.7	1 24.0	3 52.2	6 31.1	9 16.4	11 32.9	14 37.1	85
84	358 06.1	0 18.7	2 28.7	5 07.7	7 45.0	10 29.2	12 56.7	16 00.1	84
83	359 11.7	1 29.6	3 53.2	6 23.2	8 59.0	11 41.9	14 20.4	17 23.2	83
82	0 17.2	2 40.6	5 08.0	7 38.7	10 12.9	12 54.7	15 44.2	18 46.2	82
81		2 51.9	6 22.7	8 53.2	11 30.9	14 20.4	17 10.7	20 15.2	81
80			7 37.4	10 07.7	12 51.3	15 46.2	18 39.8	21 45.2	80
79				11 22.2	14 11.3	17 06.8	20 08.3	23 16.0	79
78					15 23.8	18 27.1	21 39.3	24 48.0	78
77						19 47.5	23 11.8	26 21.0	77
76							24 45.8	27 55.1	76
75								29 30.2	75
74								31 06.8	74
73									73
72									72
71									71
70									70
69									69
68									68
67									67
66									66
65									65
	45°	44°	43°	42°	41°	40°	39°	38°	

Angle of last point of contact from the vertex of the Sun towards the West; and in an inverting telescope, from the lowest point of the Sun's limb towards the East.

Long.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
100	355 54.2	358 08.7	0 27.7	2 51.0	5 18.4	7 49.9	10 25.5	13 05.2	100
99	357 48.5	359 44.3	2 06.7	4 32.3	7 01.7	9 34.3	12 10.6	14 46.6	99
98	359 32.8	1 19.9	3 45.7	6 13.6	8 45.0	11 18.7	13 55.7	16 30.0	98
97	0 55.0	2 55.5	5 24.8	7 55.1	10 27.5	13 03.0	15 41.0	18 15.3	97
96	2 19.3	4 31.1	7 03.8	9 36.4	12 10.8	14 47.4	17 26.1	20 02.7	96
95	3 33.6	6 06.7	8 42.8	11 17.7	13 54.1	16 32.8	19 11.2	21 52.1	95
94	4 55.2	7 28.1	10 06.0	12 44.3	15 29.4	18 11.9	20 57.7	23 42.5	94
93	6 16.1	8 49.5	11 29.2	14 10.9	17 04.7	19 53.0	22 44.2	25 35.9	93
92	7 36.1	10 11.0	12 52.3	15 37.5	18 40.6	21 35.2	24 30.9	27 32.1	92
91	8 55.6	11 32.4	14 15.5	17 04.1	20 15.9	23 18.3	26 17.4	29 31.5	91
90	10 14.4	12 53.8	15 38.7	18 30.7	21 51.2	25 02.4	28 03.9	31 33.9	90
89	11 40.3	14 24.8	17 11.7	20 12.7	23 35.1	26 47.1	30 02.3	33 45.3	89
88	13 06.7	15 55.8	18 45.9	21 54.7	25 20.0	28 42.3	32 05.7	36 00.7	88
87	14 34.7	17 26.6	20 21.5	23 36.9	27 06.1	30 31.5	34 14.1	38 20.1	87
86	16 01.1	18 57.6	21 58.1	25 18.9	28 53.0	32 31.2	36 27.5	40 43.5	86
85	17 29.0	20 28.6	23 35.9	27 00.9	30 40.9	34 35.9	38 45.9	43 10.9	85
84	18 53.3	21 57.8	25 09.1	28 41.7	32 21.9	36 31.2	41 11.8	45 40.1	84
83	20 18.9	23 27.1	26 44.4	30 22.6	34 07.2	38 36.4	43 44.6	48 17.4	83
82	21 45.8	24 56.3	28 21.8	32 03.4	35 58.9	40 51.7	46 24.5	52 37.3	82
81	23 18.1	26 31.2	30 11.4	33 59.1	38 10.0	43 39.2	49 37.9		81
80	24 52.6	28 09.6	32 05.7	36 02.3	40 30.1	46 39.2			80
79	26 29.1	29 51.3	33 53.6	38 13.0	43 02.4	49 48.2			79
78	28 05.7	31 34.5	35 49.0	40 28.6	45 45.0	53 09.7			78
77	29 44.3	33 25.3	37 52.1	42 54.2	48 38.7				77
76	31 25.1	35 20.7	40 02.4	45 29.8	51 43.3				76
75	33 11.6	37 22.7	42 20.3	48 31.2					75
74	35 02.2	39 34.7	44 51.6	52 32.7					74
73	36 56.7	41 56.7	47 52.9						73
72	39 07.6	45 14.5	53 04.1						72
71		49 02.3	58 55.4						71
70		53 20.2							70
69		58 08.0							69
68									68
67									67
66									66
65									65
	37°	36°	35°	34°	33°	32°	31°	30°	



## Phases of the eclipse for particular places.

[Note. For those places which are marked with an asterisk, the phases have been computed by a separate computation independently of the tables; whereas the other phases are derived from the tables.]

Place.	Mean Time of Place at					Duration.
	Beginning.	Greatest obscuration.	End.	☉'s upper limb sets cor. for refr.		
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	
Albany, N. Y.,	3 29 24		<i>sunset.</i>	4 27 14	0 57 50	
Amherst, Mass.,	3 37 12		<i>sunset.</i>	4 28 10	0 51 58	
Annapolis, Md.,	3 23 56	3 58 33	4 33 11	4 38 28	1 09 58	
Augusta, Ga.,	3 10 10	3 37 31	4 04 53	4 53 05	0 54 43	
Augusta, Me.,	3 46 46	<i>sunset.</i>	<i>sunset.</i>	4 21 38	0 34 52	
*Baltimore, Md.,	3 22 26.7	3 56 44.2	4 33 01.8	4 37 36	1 10 35.1	
Bangor, Me.,	3 51 13	<i>sunset.</i>	<i>sunset.</i>	4 19 57	0 28 44	
*Boston, State House,	3 45 35.8	4 28	<i>sunset.</i>	4 28 12	0 42 36	
*Buffalo,	2 59 17.9	4 9	<i>sunset.</i>	4 26 27	1 27 09	
*Cambridge, Observatory.	3 45 12.9	4 28	<i>sunset.</i>	4 28 09	0 42 56	
*Charleston, S. C.,	3 27 27.6	3 47 22.5	4 07 17.4	4 54 45	0 39 49.8	
*Cincinnati,	2 35 30.8	3 19 51.8	4 04 12.9	4 38 08	1 28 42.1	
Columbia, S. C.,	3 43 18	3 40 51	4 08 24	4 51 53	0 55 06	
Columbus, Ohio,	2 41 54	3 21 02	4 10 10	4 35 40	1 28 56	
Concord, N. H.,	3 40 41		<i>sunset.</i>	4 25 26	0 44 45	
*Detroit, Mich.,	2 36 41.9	3 24 11.6	4 11 41.3	4 28 02	1 34 59.4	
Dover, Del.,	3 29 42		<i>sunset.</i>	4 37 56	1 08 14	
Dover, N. H.,	3 43 57		<i>sunset.</i>	4 25 20	0 41 23	
Frankfort, Ky.,	2 36 39	3 19 44	4 02 49	4 40 35	1 26 10	
Frederickton, N. B.,	3 58 37	<i>sunset.</i>	<i>sunset.</i>	4 15 25	0 16 48	
*Halifax,	4 19 31.0	<i>sunset.</i>	<i>sunset.</i>	4 20 28	0 00 57	
Harrisburg,	3 18 15	3 55 49	4 33 22	4 34 42	1 15 08	
Hartford,	3 38 06		<i>sunset.</i>	4 30 04	0 51 58	
*Hudson, Observatory,	2 48 38.1	3 32 56.0	4 17 17.8	4 31 40	1 28 39.7	
Indianapolis,	2 23 37	3 10 57	3 58 17	4 35 46	1 34 40	
Jackson,	2 17 45	2 55 47	3 33 50	4 55 43	1 16 05	
Jefferson,	1 49 30	2 41 09	3 32 48	4 39 33	1 43 18	
Lexington, Ky.,	2 38 57	3 21 30	4 04 04	4 40 58	1 25 07	
Little Rock, Ark.,	1 57 22	2 43 22	3 29 22	4 50 05	1 32 00	
Louisville,	2 31 38	3 15 33	3 59 28	4 41 06	1 27 50	
Milledgeville,	3 01 32	3 30 16	3 59 01	4 53 57	0 57 29	
Mobile,	2 39 08	3 06 06	3 37 04	4 59 40	0 57 56	
Montpelier,	3 31 31		<i>sunset.</i>	4 21 46	0 50 15	
Montreal, L. C.,	3 22 59		<i>sunset.</i>	4 17 22	0 54 23	
*Nantucket, Mass.,	3 54 35.5	4 31	<i>sunset.</i>	4 31 34	0 36 50	
*Nashville, University,	2 28 24.3	3 10 22.1	3 52 19.9	4 46 13	1 23 55.6	
Natchez,	2 11 42	2 49 37	3 27 32	4 57 38	1 15 50	
*New Bedford, Mass.,	3 48 36.7	4 30	<i>sunset.</i>	4 30 16	0 41 39	
Newburyport, 2d Fr. Ch.	3 45 15		<i>sunset.</i>	4 26 50	0 41 35	
*New Haven, College,	3 37 58.2	4 23	<i>sunset.</i>	4 31 31	0 53 33	
*New Orleans,	2 27 45.0	2 58 11.1	3 28 37.2	5 01 23	1 00 52.2	
Newport,	3 46 54		<i>sunset.</i>	4 30 56	0 54 02	
*New York, City Hall.	3 33 33.8	4 18	<i>sunset.</i>	4 33 19.	0 59 35	
*Philadelphia, H. Sc. Obs.	3 29 04.0	4 13	<i>sunset.</i>	4 35 40	1 06 36	
*Pittsburg,	2 58 30.1	3 40 14.4	4 21 58.7	4 33 53	1 23 28.6	
*Portland, Town Hall,	3 45 48.9	<i>sunset.</i>	<i>sunset.</i>	4 23 52	0 48 03	
Portsmouth, Unit. Ch.,	3 45 07		<i>sunset.</i>	4 25 48	0 40 41	
Princeton,	3 30 56		<i>sunset.</i>	4 34 27	1 03 32	
Providence,	3 45 17		<i>sunset.</i>	4 29 54	0 44 37	
*Quebec, L. C.,	3 32 22.5	<i>sunset.</i>	<i>sunset.</i>	4 12 35	0 40 12	
*Raleigh,	3 21 06.3	3 50 30.5	4 19 52.7	4 37 15	0 58 44.4	
*Richmond,	3 23 10.5	3 55 25.5	4 27 40.4	4 42 31	1 04 29.9	
St. Louis,	2 00 44	2 50 38	3 40 32	4 39 28	1 39 48	
*Salem,	3 46 04.4	4 27	<i>sunset.</i>	4 27 35	0 41 31	
*Savannah,	3 22 42.9	3 42 05.4	4 01 28.0	4 56 26	0 38 45.1	
Springfield, Mass.,	3 37 33		<i>sunset.</i>	4 29 00	0 51 27	
*Tallahassee,	3 05 50.4	3 26 00.3	3 46 10.2	5 00 13	0 40 19.6	
*Toronto, U. C.,	2 55 12.5	3 40 38.5	4 26 04.6	4 24 15	1 29 03	
Trenton,	3 32 11		<i>sunset.</i>	4 34 48	1 02 37	
Tuscaloosa,	2 27 32	3 05 54	3 44 17	4 53 45	1 16 45	
University of Virginia,	3 14 53	3 49 53	4 24 53	4 41 09	1 10 00	
*Washington,	3 21 19.5	3 56 23.2	4 31 26.9	4 38 46	1 10 07.4	
Williamstown,	3 32 13		<i>sunset.</i>	4 27 00	0 54 47	
Worcester,	3 41 36		<i>sunset.</i>	4 28 31	0 46 55	

## Phases of the eclipse for particular places.

Place.	Digits of greatest visible eclipse on ☉'s N. limb.	Angle of first point of contact from		Angle of last point of contact from	
		N. point of ☉ towards the West.	Vertex of ☉ towards the West.	N. point of ☉ towards the East.	Vertex of ☉ towards the West.
Albany, N. Y.,	2 28	44 45.1	81 53.1	invis.	invis.
Amherst Mass.,	2 14	43 05.4	81 25.5	invis.	invis.
Annapolis, Md.	1 52	40 09.8	79 39.6	23 55.0	23 57.3
Augusta, Ga.,	1 02	28 53.1	74 26.7	14 11.4	34 19.9
Augusta, Me.,	2 13	44 17.3	82 16.4	invis.	invis.
*Baltimore,	1 57	40 51.1	79 55.8	23 59.4	22 33.0
Bangor, Me.,	1 56	44 16.7	82 20.7	invis.	invis.
*Boston, State House,	2 05	41 41.1	81 03.6	invis.	invis.
*Buffalo,	3 09	49 13.3	82 29.1	invis.	invis.
*Cambridge, Observatory,	2 05	41 46.6	81 03.6	invis.	invis.
*Charleston, S. C.,	0 33	26 14.6	70 54.9	7 46.6	41 45.9
*Cincinnati,	2 56	47 30.8	80 00.8	31 38.3	12 10.7
Columbia, S. C.,	1 04	32 36.2	74 50.0	14 51.5	38 56.5
Columbus, Ohio,	2 56	47 51.2	80 36.9	31 50.2	11 46.2
Concord, N. H.,	2 19	43 31.2	81 49.5	invis.	invis.
*Detroit, Mich.,	3 32	51 31.0	81 50.3	36 11.4	5 33.1
Dover, Del.,	1 47	39 24.0	79 31.1	invis.	invis.
Dover, N. H.,	2 15	43 09.5	81 41.0	invis.	invis.
Frankfort, Ky.,	2 42	46 12.3	79 10.5	29 55.1	14 29.0
Frederickton, N. B.,	1 16	43 53.0	82 44.8	invis.	invis.
*Halifax,	0 05	29 14.2	80 16.2	invis.	invis.
Harrisburg,	2 14	43 05.1	80 41.6	25 26.0	19 06.4
Hartford,	2 05	42 39.9	80 59.2	invis.	invis.
*Hudson, Observatory,	3 03	48 40.0	81 33.0	32 54.4	10 24.1
Indianapolis,	3 20	49 59.6	79 59.3	34 19.0	8 64.0
Jackson,	1 56	39 18.3	73 15.7	22 14.3	23 35.2
Jefferson,	3 42	51 63.2	76 43.0	37 10.5	2 56.7
Lexington, Ky.,	2 37	45 40.6	79 06.8	29 18.0	15 16.9
Little Rock, Ark.,	2 45	45 46.3	74 11.0	29 49.4	13 30.8
Louisville,	2 46	46 34.2	78 53.0	30 20.6	13 47.3
Milledgeville,	1 10	33 17.9	74 16.0	15 05.3	32 55.7
Mobile,	1 08	32 54.0	70 53.1	14 17.2	33 18.2
Montpelier,	2 44	46 39.0	82 29.9	invis.	invis.
Montreal,	3 09	49 19.6	83 40.2	invis.	invis.
*Nantucket,	1 39	38 20.0	79 33.0	invis.	invis.
*Nashville, University,	2 27	44 23.2	77 50.5	27 35.5	17 02.7
Natchez,	1 53	38 47.5	71 58.3	21 45.9	23 30.0
*New Bedford,	1 51	40 02.4	80 19.9	invis.	invis.
Newburyport,	2 05	42 22.3	81 31.4	invis.	invis.
*New Haven,	2 02	41 24.2	80 44.4	invis.	invis.
*New Orleans,	1 08	32 57.0	70 14.0	15 14.0	31 31.4
Newport,	1 53	40 05.2	80 15.1	invis.	invis.
*New York,	1 59	41 03.1	80 20.6	invis.	invis.
*Philadelphia,	1 57	40 47.5	80 06.0	invis.	invis.
*Pittsburg,	2 43	46 24.8	81 24.6	39 10.8	14 16.9
*Portland,	2 20	43 36.8	82 00.2	invis.	invis.
Portsmouth,	2 12	42 27.2	81 32.3	invis.	invis.
Princeton,	1 59	41 07.4	80 12.1	invis.	invis.
Providence,	1 58	40 34.4	80 36.0	invis.	invis.
*Quebec, E. C.,	3 10	49 40.0	84 05.5	invis.	invis.
*Raleigh,	1 17	34 47.5	76 19.7	17 04.8	31 12.8
*Richmond,	1 35	37 44.3	78 03.0	20 27.0	27 08.3
St. Louis,	3 29	50 48.4	77 41.7	35 34.7	5 48.0
*Salem,	2 06	41 50.8	81 07.5	invis.	invis.
*Savannah,	0 30	25 38.1	70 12.0	7 05.7	42 11.4
Springfield, Mass.,	2 10	42 36.9	81 14.7	invis.	invis.
*Tallahassee,	0 31	25 42.2	25 42.2	7 10.5	41 28.3
*Toronto, U. C.,	2 22	50 39.5	82 53.7	35 18.5	6 56.1
Trenton,	1 55	40 42.3	80 06.9	invis.	invis.
Tuscaloosa,	1 49	38 53.2	74 30.0	21 13.7	25 10.8
University of Virginia,	1 51	40 03.0	79 09.5	23 46.5	23 52.6
*Washington,	1 54	40 23.7	79 26.8	23 16.8	23 36.2
Williamstown,	2 21	44 23.4	81 51.5	invis.	invis.
Worcester,	2 07	42 11.4	81 06.1	invis.	invis.

## ECLIPSATIONS.

*Elements for facilitating the calculation of Eclipsations which may be visible in the United States, in 1844.*

Day of the Month.	Star's Name.	Magnitude.	Washington, Mean Time of apparent conjunction in R. A. of Moon and Star.	At the time of Conjunction.			Limiting Parallels between which the occult is visible.
				Apparent R. A. of Moon and Star.	Apparent Declination of Star.	Star N. or S. of Moon.	
			h. m. s.	h. m. s.			
Jan. 1	ζ φ	5	1 37 38 M.	3 5 58.84	20 27 53.6 N.	1 15 S.	41 N. 24 S.
	328 (Bai.)	6	9 21 9 A.	3 47 41.52	22 1 36.3	6 35	56 15
	A <sup>1</sup> 8	5	11 59 5	55 31.08	21 39 9.9	43 4	90 22 N.
	2 τ 8	5	6 5 44	4 32 55.78	22 39 12.1	29 58	78 12
	6 g Π	6	3 59 16 M.	7 37 8.01	18 53 3.5	2 38	42 26 S.
	8 h Ω	6	4 55 38	9 23 36.95	10 23 55.0	17 26	58 19
	C Sext.	6	9 28 15 A.	58 39.38	6 22 4.2	53 28	90 13 N.
	9 u Ω	6	8 47 52	10 47 42.63	1 33 53.4	32 37	75 9 S.
	10 p <sup>1</sup> Ω	6	0 8 57 M.	55 39.15	0 50 10.4	31 32	77 9
	B m	6	10 59 38 A.	11 43 5.13	4 28 2.6 S.	37 25	81 5
	13 83 m	6	2 7 17 M.	13 36 5.58	15 23 31.7	45 48	75 4 N.
	85 m	6	36 10	37 12.37	14 58 53.0	15 48	48 24 S.
	17 4 f	5	7 42 44	17 50.16	30 23 47 37.9	48 23	66 9 N.
	24 45 f	6	7 36 58 A.	0 17 39.69	6 49 50.8 N.	31 29	74 9 S.
	29 x <sup>1</sup> 8	5.6	6 50 32	4 16 6.79	21 55 58.6	49 18	90 31 N.
	v <sup>1</sup> 8	5	7 15 21	17 0.66	23 27 21.1	19 2	61 1 S.
	30 τ 8	5	2 32 56 M.	32 55.59	22 39 12.0	23 25	67 5 N.
	31 η Π	4.5	7 59 36 A.	6 5 30.52	22 32 45.2	5 14	45 15 S.
	μ Π	3	11 33 20	13 34.08	22 35 12.5	8 59 N.	30 29
Feb. 1	ζ Π	4	5 48 36 A.	6 54 54.13	20 47 31.8 N.	14 23 S.	55 N. 11 S.
	23 ε	6	7 6 46	7 51 53.54	17 43 44.2	17 6	57 13
	516 Sext.	6	5 54 45 M.	10 1 6.33	6 55 49.3	11 3	50 27
	6 u Ω	6	3 29 52	47 42.93	1 33 51.5	49 1	90 11 N.
	7 B m	6	5 2 22	11 43 5.85	4 38 28.0	60 4	90 24
	8 9 m	5.6	0 24 53	12 25 46.17	8 35 33.4	38 52	90 0
	9 75 m	6	2 23 42	13 24 33.78	14 33 37.3	64 51	75 26
	12 g Ophi.	5	1 6 49	16 16 15.86	23 4 53.7	25 33	45 14 S.
	13 b Ophi.	5.6	1 6 26	17 16 52.02	24 1 26.7	50 35	66 12 N.
	e <sup>2</sup> Ophi.	5	3 6 46	21 55.15	23 50 3.8	40 29	62 1 N.
	24 65 φ	6	10 22 29 A.	3 15 27.53	20 14 55.8 N.	14 41	54 8 S.
	25 A <sup>1</sup> 8	5	5 29 41	55 30.39	21 39 8.4	21 5	64 1
	26 O <sup>1</sup> 8	5	3 34 29 M.	4 17 0.23	22 27 20.3	4 34	44 15 S.
	27 Q <sup>2</sup> 8	6	11 8 5 A.	5 52 18.45	22 23 29.4	18 23	60 1
	29 ζ Π	4	3 13 33 M.	6 54 53.89	20 47 32.1	3 46	43 20
Mar. 2	α <sup>2</sup> ε	5	7 4 15 M.	8 49 59.77	12 27 17.0	71 16 S.	90 N. 43 N.
	h Ω	6	10 21 27 A.	9 23 37.50	10 23 50.0	24 25	65 13 S.
	5 e Ω	4.5	4 14 56 M.	11 22 23.58	2 8 52.8 S.	46 3	78 3 N.
	10 g Ophi.	5	6 33 29	16 16 16.75	23 4 56.0	41 15	65 1
	22 δ φ	4	11 30 49 A.	3 2 43.86	19 8 1.1 N.	34 19	86 8
	24 τ 8	5	6 31 23	4 32 54.67	22 39 10.2	6 49 N.	31 25 S.
	26 15 Π	6	7 16 6 A.	6 18 30.24	20 52 43.4 N.	57 36 S.	90 40 N.

Day of the Month.	Star's Name.	Magnitude.	Washington, Mean Time of apparent conjunction in R. A. of Moon and Star.	At the time of Conjunction.			Limiting Parallels between which the occult is visible.
				Apparent R. A. of Moon and Star.	Apparent Declination of Star.	Star N. or S. of Moon.	
			h. m. s.	h. m. s.			
Apr.	1 p <sup>1</sup> Ω	6	2 47 3 M.	10 55 40.24	0 56 1.8 N.	31 31 S.	72 N. 10 S.
	1 B Ω	6	11 57 13 A.	11 43 6.40	4 28 13.5 S.	54 57	87 12 N.
	2 g Ω	5.6	6 28 16	12 25 46.92	8 35 41.8	43 55	81 1
	4 85 Ω	6	0 12 12 M.	13 37 14.35	14 59 5.6	52 2	76 9
	6 δ m	3	4 24 32	15 51 10.26	22 10 24.8	38 5	61 3 S.
	8 709 (May)	6	2 57 30	17 52 29.96	22 46 11.1	26 57	43 13
	31 ζ	6	11 9 27 A.	16 42 47.94	22 5 44.2	67 53	68 37 N.
	33 ζ	6	56 44	44 43.03	21 32 32.2	38 56	65 1 S.
	9 ε <sup>2</sup>	5	1 29 13 M.	48 27.49	21 18 13.0	33 8	58 7
	π	4.5	6 29 47	19 0 31.34	21 15 50.6	60 27	69 25 N.
	12 c <sup>1</sup> V	6	5 50 36	21 36 41.49	9 47 30.5	33 12	74 6 S.
	21 o 8	5	10 14 32 A.	5 18 17.31	21 47 52.2 N.	46 41	90 32 N.
	24 γ	6	10 17 20	7 52 34.44	16 52 45.1	32 56	80 3
	26 α <sup>2</sup> Ω	5	1 32 59 M.	8 49 59.06	12 27 18.3	46 13	90 11
29 e Ω	4.5	1 13 34	11 22 23.49	2 8 54.3	35 57	79 6 S.	
May	3 g Ophi.	5	11 45 51 A.	16 16 18.16	23 4 58.9 S.	61 21 S.	67 N. 23 N.
	12 m H	6	2 42 52 M.	23 38 26.71	2 37 31.8 N.	39 9	90 0
	25 p <sup>1</sup> Ω	6	9 14 51 A.	10 55 39.59	0 50 3.5	22 34	62 27 S.
	26 B Ω	6	7 34 15	11 43 6.07	4 28 12.8 S.	38 5	84 2
	31 δ m	3	1 25 46 M.	15 51 11.16	22 10 26.9	43 58	68 3 N.
June	1 709 (May)	6	10 1 41 A.	17 52 31.38	22 46 6.7 S.	38 32 S.	60 N. 2 S.
	3 π ζ	4.5	0 0 40 M.	19 0 32.96	21 15 46.8	73 52	69 46 N.
	4 x <sup>1</sup> m	6	10 35 57 A.	20 51 24.01	13 38 54.1	39 35	76 1 S.
	9 45 H	6	5 50 1 M.	0 17 40.99	6 49 55.9 N.	11 07	65 14
	14 x <sup>1</sup> 8	5.6	5 18 37	4 16 5.52	21 55 55.5	5 54	45 13
	21 u Ω	6	11 14 5 A.	10 47 2.38	1 33 52.1	33 37	77 7 S.
	23 9 Ω	5.6	10 13 58	12 25 46.68	8 35 40.3 S.	41 39	82 2
	27 g (Ophi.)	5	8 47 37	16 16 18.71	23 4 59.9	62 43	67 26 N.
	30 ε <sup>1</sup> ζ	6	5 40 35 M.	18 48 08.37	20 51 1.7	18 20	41 21 S.
	ε <sup>2</sup> ζ	5	49 26	29.58	21 18 8.4	45 13	69 5 N.
July	1 τ <sup>1</sup> V	6	10 28 13 A.	20 28 39.90	15 40 35.5 S.	51 48 S.	74 N. 11 N.
	3 c V	6	4 52 35 M.	21 36 43.89	9 47 17.1	43 36	78 3
	G m	6	11 33 26 A.	22 16 01.93	5 37 2.6	26 3	65 2 S.
	9 ψ φ	6	5 2 56 M.	2 22 17.86	17 0 56.9 N.	15 56	57 16
	10 δ φ	4	1 1 14	3 2 45.21	19 8 4.1	23 37	67 2
	16 α <sup>2</sup> Ω	5	7 39 12 A.	8 49 58.29	12 27 18.9	52 23	90 19 N.
	19 e Ω	4.5	9 42 5	11 22 22.71	2 8 49.6 S.	40 15	88 1 S.
	24 δ m	3	7 1 21	15 51 11.07	22 10 26.9	51 31	68 12 N.
Aug.	1 16 H	6	8 37 7 A.	23 28 29.69	1 14 44.1 N.	47 14 S.	90 N. 8 N.
	2 m H	6	1 38 52 M.	3 8 29.10	2 37 47.6	32 0	76 7 S.
	9 o 8	5	0 38 3	5 18 18.69	21 47 53.3	33 27	84 18 N.
	10 15 Π	6	4 23 22	6 18 30.70	20 52 46.1	35 34	59 14
	23 709 (May)	6	0 25 52	17 52 31.56	22 46 6.6 S.	50 16	68 35
	26 x <sup>1</sup> m	6	2 47 11 M.	20 51 29.50	13 38 33.7	34 51	71 5 S.
	c <sup>1</sup> V	6	11 23 18 A.	21 36 44.64	9 47 12.0	36 52	77 3
	29 x <sup>1</sup> H	5.6	1 43 27 M.	23 18 59.50	0 24 43.1 N.	30 51	73 9
	29 x <sup>2</sup> H	6	1 53 21	19 19.37	0 16 34.6	41 1 S.	73 1 N.

Day of the Month.	Star's Name.	Magnitude.	Washington, Mean Time of apparent conjunction in R. A. of Moon and Star.	At the time of Conjunction.			Limiting Parallels between which the occult is visible.
				Apparent R. A. of Moon and Star.	Apparent Declination of Star.	Star N. or S. of Moon.	
h. m. s.	h. m. s.	° ' " N	' " S	° ' "			
Au. 29	16 ♄	6	5 27 43 M.	28 30.15	1 14 47.7 N.	38 49 S.	68 N. 1 S.
Sept. 2	40 ♀	6	5 14 32 M.	2 39 51.43	17 38 12.4 N.	15 52 S.	56 N. 12 S.
	5 <sup>n</sup> 8	5.6	4 47 43	5 9 54.12	21 55 52.3	12 7	52 3
	24 G <sup>m</sup>	6	1 22 19	22 16 2.86	5 36 55.2 S.	14 59	54 23
	25 <sup>m</sup> ♄	6	6 20 36 A.	23 28 29.97	2 37 49.4 N.	14 30	53 24
Oct. 2	1 8	4.5	5 3 45 M.	4 53 50.92	21 21 47.5 N.	28 38 S.	75 N. 12 N.
	ζ 8	3.4	9 19 11 A.	5 28 23.66	21 2 33.0	46 22	90 31
	3 <sup>v</sup> Π	5	9 30 5	6 19 45.92	20 18 15.7	38 30	90 18
	5 <sup>f</sup> Π	6	7 2 22 M.	7 30 31.30	18 1 21.8	7 10	45 19 S.
	6 <sup>29</sup> ♄	6	6 39 47	8 19 53.26	14 43 16.1	24 42	66 24
	7 <sup>x</sup> ♄	5.6	1 38 2	59 20.34	11 17 21.5	52 35	90 19 N.
	9 <sup>u</sup> Ω	6	5 22 17	10 47 42.67	1 33 52.9	35 44	80 4 S.
	17 <sup>d</sup> ♄	5	6 17 44 A.	19 8 34.00	19 13 15.8 S.	6 11	31 32
	19 <sup>v</sup> ♄	5	7 27 51	21 1 9.46	11 59 36.2	3 22	37 34
	22 <sup>16</sup> ♄	6	7 45 10	23 28 30.25	1 14 49.9 N.	42 58	90 5 N.
	23 <sup>m</sup> ♄	6	0 52 52 M.	38 29.72	2 37 53.9	19 19	58 19 S.
	26 <sup>π</sup> ♀	5	8 31 49 A.	2 40 40.94	16 49 4.2	51 24	90 26 N.
	30 <sup>ζ</sup> 8	3.4	11 40 9	2 47 7.68	17 42 11.2	18 55	59 8 S.
	31 <sup>v</sup> Π	5	4 26 58 M.	5 28 24.44	21 2 32.9	37 3	90 21 N.
			4 47 23	6 19 46.75	20 18 14.6	28 22	74 7
Nov. 1	11 ♄	6	11 21 52 A.	7 48 11.52	16 12 0.1 N.	46 52 N.	90 N. 19 N.
	2 <sup>A</sup> ♄	6	11 59 54	8 38 25.90	12 40 33.2	56 38	90 27
	3 <sup>u</sup> ♄	5	5 42 25 M.	50 0.64	12 27 14.4	16 46	56 16 S.
	6 <sup>e</sup> Ω	4.5	7 53 8	11 22 23.51	2 8 51.3 S.	43 28	83 3 N.
	18 <sup>x</sup> ♄	5.6	8 33 35 A.	23 18 59.28	0 24 42.9 N.	42 4	90 4
	18 <sup>x</sup> ♄	6	43 42	19 19.15	0 16 34.6	52 6	90 15
	19 <sup>16</sup> ♄	6	1 24 56 M.	28 29.99	1 14 48.4	48 37	90 16
	23 <sup>π</sup> ♀	5	2 52 19	2 40 41.14	16 49 4.8	52 20	90 28
	23 <sup>π</sup> ♀	6	6 1 33	47 7.89	17 42 11.9	19 41	60 7 S.
	24 <sup>ζ</sup> ♀	6	18 53	43.35	17 24 4.8	39 38	90 14 N.
	24 <sup>ζ</sup> 8	5.6	9 00 9 A.	4 8 12.88	20 11 37.7	51 11	90 34
	25 <sup>i</sup> 8	4.3	6 34 4	53 52.22	21 21 48.1	18 41	60 3 N.
	105 8	6	8 50 36	58 42.08	21 29 40.6	12 3	51 3 S.
	26 <sup>o</sup> 8	5	6 6 9 M.	5 18 21.77	21 47 55.0	6 32 N.	31 22
Dec. 1	C Sextans	6	11 11 58 A.	9 58 41.29	6 21 52.9 N.	22 34 S.	62 N. 15 S.
	2 <sup>μ</sup> Ω	6	11 45 54	10 47 44.44	1 33 41.7	25 42	66 13
	3 <sup>p</sup> Ω	6	3 41 51 M.	55 40.96	0 50 1.2	22 5	61 17
	14 G <sup>m</sup>	6	8 16 40 A.	22 16 1.88	5 36 58.9 S.	29 53	71 10
	23 <sup>i</sup> 8	4.5	0 47 49 M.	4 53 52.52	21 21 47.9 N.	19 1	60 3
	ζ 8	3.4	5 2 1 A.	5 28 25.47	21 2 31.9	36 10	90 20 N.
	24 <sup>16</sup> Π	6	4 46 54	6 18 45.70	20 34 57.8	12 46	52 8 S.
	24 <sup>16</sup> Π	5	5 16 24	19 48.01	20 18 12.0	27 53	73 7 N.
	27 <sup>29</sup> ♄	6	3 22 42 M.	8 19 59.92	14 43 5.6	15 7	41 16 S.
	27 <sup>x</sup> ♄	5.6	11 1 58 A.	59 22.79	11 17 9.1	44 29	90 11 N.
	29 C Sextans	6	5 3 35 M.	9 58 42.19	6 21 47.7	28 38	71 9 S.
	30 <sup>u</sup> Ω	6	5 56 16	10 47 44.99	1 33 38.7	32 28	86 6
	31 <sup>e</sup> Ω	4.5	11 19 13 A.	11 22 25.16	2 9 1.9 S.	48 41 S.	85 N. 10 N.

## Near Approaches to the Stars, and their Occultations by the Planets, for the year 1844.

Star's Name.	Magnitude.	Washington, Mean Time of apparent conjunction in Right Ascension.		At the time of Conjunction.						Planet's hourly mo.	
				Star's apparent Right Ascension.	Star's apparent Declination.	Star N. or S. of Planet.	In R. A.	In Dec.			
MERCURY.											
δ VP	5.6	Jan. 13	3 17 A.	20 57 9.90	17 50 53.8 S.	2 40.1 S.	10.02 E.	74.6 N.			
π VP	5	Feb. 17	7 59	18 23.54	18 42 58.5	4 43.8	7.84	3.3 S.			
υ VP	5		21 0 0	31 9.36	18 40 49.9	3 55.0	10.01	9.0 N.			
δ VP	5.6		27 9 14 M.	57 10.39	17 50 52.1	5 12.4 N.	12.25	29.0			
42 =	6	Mar. 11	0 39 A.	22 8 26.16	13 36 17.0	1 54.3	14.73	72.0			
38 η	6	Oct. 20	1 42	12 45 14.37	2 42 24.0	4 25.9 S.	13.94	91.0 S.			
δ η	4.5		23 0 5	13 1 54.94	4 42 31.9	14 20.7	14.68	98.9			
759 (May)	6.7	Dec. 16	8 35	18 52 57.85	25 3 11.1	4 45.7	16.34	22.3 N.			
764 (May)	7		17 6 16	58 45.57	24 53 31.0	4 59.7 N.	16.10	26.3			
z <sup>2</sup> ♀	6		20 11 25	19 16 6.29	24 15 30.0	6 22.4	15.06	37.3			
53 ♀	7		23 1 21 M.	30 29.72	23 46 17.0	8 42.3 S.	14.00	44.0			
796 (May)	6.7		4 42	47.42	23 46 29.6	5 24.8	13.95	44.2			
VENUS.											
31 VP	6.7	Jan. 10	6 15 A.	21 9 21.14	18 6 39.5 S.	0 15.8 N.	12.56 E.	53.9 N.			
58 =	6		26 2 55 M.	22 23 24.91	11 42 1.1	0 32.1	11.74	69.5			
64 =	6.7		27 6 2 A.	31 2.76	10 50 5.7	6 13.7	11.66	70.7			
968 (May)	7	Feb. 7	7 12	23 21 26.69	5 22 40.8	5 22.3	11.24	76.7			
t ♀	6		20 10 12 M.	0 17 24.52	1 4 37.8 N.	2 24.0 S.	11.00	78.8			
t ♀	6	Mar. 2	9 38	1 5 35.44	6 45 0.4	4 15.9	11.00	76.7			
π ♀	5		23 3 51 A.	2 40 35.78	16 48 48.9	1 17.2 N.	11.42	62.5			
q <sup>2</sup> ♀	6		25 4 47 M.	47 38.87	17 23 56.9	1 54.7 S.	11.42	61.9			
32 ♂	6	Apr. 7	2 11	3 47 40.02	22 0 52.4	2 9.8 N.	11.78	45.7			
γ <sup>2</sup> Π	6.7	May 16	11 15	6 49 51.92	26 7 21.5	1 14.7	10.54	12.8 S.			
Δ Π	6		22 9 47	7 13 59.12	25 20 39.0	4 34.9 S.	9.85	20.2			
η ♂	6	June 13	9 20	8 23 42.18	20 57 53.5	2 13.6	5.75	36.1			
355 (May)	7		16 8 56 A.	30 54.48	20 5 5.1	4 11.8	4.81	36.6			
359 (May)	7		17 3 39 M.	31 25.63	20 12 51.6	7 47.1 N.	4.76	36.6			
360 (May)	6		17 4 52 M.	8 31 31.20	20 5 25.2	1 2.2	4.76	36.6			
49 Ω	6	Oct. 13	7 52 A.	10 26 53.16	9 27 3.6	5 30.4 S.	10.29	45.0			
η η	3.4	Nov. 7	5 36	12 11 58.18	0 11 48.9	9 47.6	10.77	62.4			
77 η	6.7		24 4 53 M.	13 25 19.70	6 49 18.4 S.	2 14.4	11.21	64.2			
μ ♂	5.6	Dec. 11	2 25	14 40 45.51	13 29 51.7	0 38.3	11.96	57.2			
υ η	4		27 1 34 A.	16 2 59.78	19 3 3.9	1 28.5	12.70	40.9			
ψ Ophi.	5		30 3 0 M.	15 2.38	19 40 1.2	1 26.2 N.	12.83	37.3			
MARS.											
5 (May)	6.7	Jan. 26	6 24 M.	0 9 47.37	0 48 19.9 N.	0 53.3 N.	6.63 E.	43.8 N.			
30 (May)	6.7	Feb. 10	9 48 A.	51 44.91	5 38 30.8	9 4.1	6.63	44.1			
5 Π	7	May 31	6 5	6 1 59.30	24 26 55.8	1 47.4	7.22	0.6			
α η	6	Oct. 22	5 49 M.	12 10 38.70	0 4 37.1	2 48.7	5.83	38.3 S.			
JUPITER.											
1704 (Ba.)	7	Feb. 12	1 45 M.	22 31 55.28	10 10 8.8 S.	5 47.7 N.	2.25 E.	13.1 N.			
HERSCHEL.											
t ♀	6	May 12	0 18 M.	0 17 24.99	1 4 41.1 N.	2 33.3 S.	0.39 E.	2.5 N.			
t ♀	6	Sept. 23	6 56 A.	28.50	5 3.6	1 16.0 N.	0.37 W.	2.4 S.			

## ECLIPSES OF THE SATELLITES OF JUPITER IN 1844.

*Visible in the United States, in Mean Time at Washington.*

d.	h.	m.	s.		Sat.	d.	h.	m.	s.		Sat.		
Jan. 1	9	23	43.8	A.	Em.	2	Aug. 9	3	55	32.6	M.	2	
2	5	5	53.6		Im.	3	11	9	37	48.0	A.	3	
2	8	32	32.3		Em.	3	12	0	42	5.5	M.	Em. 3	
12	10	25	49.1		1	12	5	16	25.8		Im.	1	
14	4	54	39.2		1	13	11	44	57.2	A.	1	1	
14	9	32	14.6		Im.	4	16	6	31	23.4	M.	2	
19	3	56	57.0		Em.	2	19	1	38	42.4		3	
21	6	49	42.9		1	19	4	42	5.0		Em.	3	
26	6	34	25.6		2	19	7	49	10.7	A.	Im.	2	
31	8	5	43.0		4	19	9	51	21.9		Em.	4	
Apr. 3	4	50	0.6	M.	Im.	2	21	1	39	19.5	M.	Im.	1
3	6	9	50.3		1	22	8	7	59.9	A.	1	1	
19	4	26	20.6		1	26	5	39	51.6	M.	3	3	
19	5	25	58.0		3	26	10	24	57.8	A.	2	2	
May 5	2	42	31.4		1	28	3	33	49.8	M.	1	1	
5	4	39	26.4		2	29	10	2	32.3	A.	1	1	
11	5	24	41.0		4	Sept. 3	1	0	41.2	M.	2	2	
12	4	36	18.7		1	4	5	28	28.6		1	1	
19	6	30	4.0		1	5	11	57	13.4	A.	1	1	
25	1	28	44.7		3	7	6	25	52.9		1	1	
25	4	42	23.3		Em.	3	10	3	36	23.1	M.	2	2
28	2	52	12.8		Im.	1	13	1	52	3.5		1	1
28	3	13	24.2		Em.	4	14	8	20	45.4	A.	1	1
30	1	50	48.0		Im.	2	16	5	45	47.7		3	3
June 1	5	29	23.9		3	17	6	12	4.2	M.	2	2	
4	4	45	55.4		1	20	3	47	2.7		1	1	
6	4	27	52.9		2	20	7	29	55.3	A.	2	2	
13	1	8	6.2		1	23	6	56	36.5		Em.	1	1
20	3	1	49.8		1	24	0	46	19.4	M.	3	3	
24	1	38	45.7		Em.	2	28	0	39	21.6		2	2
27	4	55	34.7		Im.	1	29	2	22	55.1		1	1
28	11	23	59.6	A.	1	30	8	51	45.8	A.	1	1	
30	0	41	32.7	M.	Em.	3	Oct. 1	4	47	16.5	M.	3	3
July 1	1	36	13.5		Im.	2	5	3	14	43.0		2	2
1	4	14	58.7		Em.	2	6	4	18	10.7		1	1
6	1	17	47.5		Im.	1	7	10	47	3.7	A.	1	1
7	1	32	25.9		Im.	3	9	2	14	6.1	M.	Im.	4
7	4	41	10.1		Em.	3	9	4	13	39.3		4	4
8	4	12	43.1		Im.	2	9	5	15	50.2	A.	Em.	1
13	3	11	38.6		1	12	5	50	6.4	M.	2	2	
14	5	33	29.9		3	15	0	42	29.9		1	1	
18	10	45	9.5	A.	Em.	2	15	7	7	50.3	A.	2	2
20	5	5	33.5	M.	Im.	1	16	7	11	18.2		1	1
21	11	34	4.1	A.	1	22	2	38	3.4	M.	1	1	
25	10	43	35.6		2	22	9	43	18.4	A.	2	2	
29	1	28	5.4	M.	1	23	9	6	53.7		1	1	
Aug. 2	1	19	36.7		2	25	8	39	32.7	A.	Im.	4	4
3	0	49	2.9		4	25	10	20	14.3		Em.	4	4
3	3	43	34.2		Em.	4	29	4	33	43.8	M.	1	1
4	8	42	2.8	A.	Em.	3	29	8	53	9.2	A.	3	3
5	3	22	12.3	M.	Im.	1	30	0	18	49.8	M.	2	2
6	9	50	42.1	A.	1	30	11	2	35.5	A.	1	1	

d.	h.	m.	s.		Sat.	d.	h.	m.	s.		Sat.
Nov. 1	5	31	35.4	A. Em.	1	Dec. 1	7	44	9.8	Em.	1
5	10	2	46.4	Im.	3	4	5	2	21.2		3
6	0	55	27.3	M. Em.	3	8	0	4	24.8	M. Im.	2
6	2	54	25.0		2	8	9	40	10.1	A. Em.	1
7	0	58	22.8		1	10	4	9	13.8		1
8	7	27	24.1	A.	1	11	3	53	24.0		2
9	4	12	13.5		2	11	6	17	15.2	Im.	3
11	4	25	3.5		4	11	9	4	46.1	Em.	3
13	2	5	33.7	M. Im.	3	15	11	36	10.3		1
14	2	54	14.9	Em.	1	17	6	5	14.0		1
15	9	23	17.1	A.	1	18	3	58	44.4	Im.	2
16	6	47	55.0		2	18	6	29	25.2	Em.	2
17	3	52	13.6		1	18	10	20	24.6	Im.	3
21	4	50	10.8	M.	1	19	1	6	52.4	M. Em.	3
22	11	19	13.4	A.	1	23	1	32	9.6		1
23	9	23	40.6		2	24	8	1	12.8	A.	1
24	5	48	10.5		1	25	6	35	2.1	Im.	2
30	1	15	12.2	M.	1	25	9	5	32.1	Em.	2
30	9	28	19.3	A. Im.	2	31	9	57	9.9	A.	1
30	11	59	30.7	Em.	2						

*Position and Magnitude of the Rings of Saturn, according to Bessel and Struve, for every fortieth day in the year, at 7 hours in the morning.*

M. Time at Washington.	a.	b.	p.	l.	l'.
7h. M.					
1844 January 1	34.25	12.74	41.7	21 50.6	21 21.9
February 10	34.33	11.93	40.1	20 19.8	0.7
March 22	35.66	.58	36.0	18 57.0	20 39.0
May 1	37.94	.84	32.9	10.7	16.6
June 10	40.42	12.71	33.4	19.9	19 53.8
July 20	41.81	13.80	37.0	19 16.3	30.3
August 29	41.15	14.28	40.2	20 18.4	6.4
October 8	38.92	13.76	41.2	42.5	18 42.0
November 17	36.46	12.59	39.9	12.3	17.0
December 27	34.79	11.28	35.5	18 54.8	17 51.6
" 31	34.67	11.12	34.7	42.7	48.3

*a* denotes the semitransverse axis of the rings.

*b* " " semiconjugate axis of the rings, positive when their northern surface is visible, negative when their southern.

*p* " " inclination of the Northern semiconjugate axis of the rings to the circle of declination; + when East, — when West.

*l* " " angle of elevation of the Earth above the plane of the rings, as seen from Saturn; + when North, — when South.

*l'* " " elevation of the Sun above the plane of the rings, as seen from Saturn; + when North, — when South.

The Conjunction of Saturn will take place on the 18th of January, and the Opposition on the 28th of July. The Right Ascension of this



planet will not during the year differ much from 20h., and its declination will not be less than 18° South, so that it will not rise to a great height even when in the meridian.

*A Table showing the Illuminated Portion of the Discs of Venus and Mars.*

The numbers in this table are the versed sines of that portion of the Discs, which, to an observer on the Earth, will appear to be illuminated, the apparent diameter of the planet at the time being considered as unity.

To a spectator on the Earth, Venus appears most brilliant when her elongation is about 45°, and she is approaching her inferior conjunction, or receding from it; in which positions she will be this year, on the 16th of June and 28th of August. Mars is most brilliant about the time of his opposition to the Sun, being then also nearest to the Earth, in which position he will not be this year.

1844.		Venus.	Mars.	1844.		Venus.	Mars.
January	15	0.907	0.903	July	15	0.024	0.999
February	14	0.845	0.926	August	15	0.142	1.000
March	15	0.761	0.947	September	15	0.400	0.995
April	15	0.644	0.967	October	15	0.569	0.985
May	15	0.495	0.982	November	15	0.697	0.969
June	15	0.280	0.993	December	15	0.793	0.949

INCREASE OF SIDEREAL TIME IN MEAN SOLAR HOURS, &c.

Hours	Increase.	Min.	Incr.	Min.	Incr.	Sec.	Incr.	Sec.	Incr.
	m. sec.		sec.		sec.		sec.		sec.
1	0 9.857	1	0.164	31	5.093	1	0.008	31	0.085
2	19.713	2	329	32	257	2	006	32	088
3	29.569	3	493	33	421	3	008	33	090
4	39.426	4	657	34	585	4	011	34	093
5	49.282	5	821	35	750	5	014	35	096
6	59.139	6	986	36	914	6	016	36	099
7	1 8.995	7	1 150	37	6.078	7	019	37	101
8	18.852	8	314	38	242	8	022	38	104
9	28.708	9	479	39	407	9	025	39	107
10	38.565	10	643	40	571	10	027	40	110
11	48.421	11	807	41	735	11	030	41	112
12	58.278	12	971	42	900	12	033	42	115
13	2 8.134	13	2 136	43	7.064	13	036	43	118
14	17.991	14	300	44	228	14	038	44	121
15	27.847	15	464	45	392	15	041	45	123
16	37.704	16	628	46	557	16	044	46	126
17	47.560	17	793	47	721	17	047	47	129
18	57.417	18	957	48	885	18	049	48	131
19	3 7.273	19	3 121	49	8.050	19	052	49	134
20	17.130	20	286	50	214	20	055	50	137
21	26.986	21	450	51	378	21	058	51	140
22	36.842	22	614	52	542	22	060	52	142
23	46.699	23	778	53	707	23	063	53	145
24	56.555	24	943	54	871	24	066	54	148
Daily acceleration of a star in passing the meridian. m. sec. 3 55.9005		25	4 107	55	9.035	25	069	55	151
		26	271	56	169	26	071	56	153
		27	435	57	334	27	074	57	156
		28	600	58	528	28	077	58	159
		29	764	59	692	29	079	59	162
		30	928	60	857	30	082	60	164

**LATITUDE AND LONGITUDE OF SOME OF THE PRINCIPAL PLACES IN THE UNITED STATES, &c., WITH THEIR DISTANCE FROM THE CITY OF WASHINGTON.**

*The Longitudes are reckoned from Greenwich.*

*The Capitals (Seats of Government) of the States and Territories are designated by Italic Letters.*

		Latitude North.	Longitude, West,		Dist. from Wash'ton.
			in degrees.	in time.	
		° ' "	° ' "	h. m. s.	miles.
<i>Albany</i> (Capitol),	N. Y.	42 39 3	73 44 49	4 54 59.3	376
Alexandria,	D. C.	38 49	77 4	5 8 16	6
Amherst (Col. Chapel),	Mass.	42 22 13	72 31 36	4 50 6.4	383
<i>Annapolis</i> ,	Md.	38 68 35	76 33	5 6 12	37
Auburn,	N. Y.	42 55	76 28	5 5 52	339
Augusta,	Ga.	33 28	81 54	5 27 36	580
<i>Augusta</i> (State House),	Me.	44 18 43	69 50	4 39 20	506
Baker's Island (Lights),	Mass.	42 32 11	70 47 37	4 43 16.5	452
Baltimore (Bat. Mon't),	Md.	39 17 23	76 37 30	5 6 30	38
Bangor (Court House),	Me.	44 47 50	68 47	4 35 8	661
Barnstable (New C. H.),	Mass.	41 42 7	70 18 36	4 41 14.4	466
Batavia,	N. Y.	42 59	78 13	5 12 52	370
Beaufort (Arsenal),	S. C.	32 25 57	80 41 28	5 22 45.6	629
<i>Boston</i> (State House),	Mass.	42 21 22.7	71 4 9	4 44 16.6	432
Do: (Light),		42 19 42	70 53 42	4 43 34.8	
Bridgeport (Bapt. Ch.),	Conn.	41 10 30	73 11 46	4 52 47	234
Bristol (Episcopal Ch.),	R. I.	41 40 3	71 17 19	4 45 9.3	409
Brooklyn (Navy Yard),	N. Y.	40 41 50	73 59 30	4 55 58	227
Brunswick (College),	Me.	43 53 0	69 55 1	4 39 40.1	506
Buffalo,	N. Y.	42 53	78 55	5 15 40	376
Burlington,	N. J.	40 5 10	74 52 37	4 59 30.5	156
Burlington,	Vt.	44 27	73 10	4 52 40	440
Cambridge (Observatory),	Ms.	42 22 21.3	71 7 38	4 44 30.5	431
Camden,	S. C.	34 17	80 33	5 22 12	467
Canandaigua,	N. Y.	42 54	77 17	5 9 8	336
Cape Ann (North Light),	Mass.	42 38 18	70 34 44	4 42 18.9	470
Do. (South Light),		42 38 10	70 34 44	4 42 18.9	
Cape Cod (Light House),	Mass.	42 2 22	70 4 9	4 40 16.6	507
Castine,	Me.	44 22 30	68 45	4 35	
Charleston (St. Mich's Ch.)	S. C.	32 46 33	79 57 27	5 19 49.8	544
Charlestown (Navy Y'd),	Mass.	42 22	71 3 33	4 44 14.2	433
Chicago,	Il.	42 0	87 35	5 50 2	703
Cincinnati (Fort Wash.),	Ohio,	39 5 54	84 27	5 37 48	497
Columbia,	S. C.	33 57	81 7	5 24 28	500
Columbus,	Ohio,	39 57	83 3	5 32 12	396
Concord (State House),	N. H.	43 12 29	71 29	4 45 56	474
Dayton,	Ohio,	39 44	84 11	5 36 44	
Dedham (1st Cong. Ch.),	Mass.	42 14 52	71 10 49	4 44 42.3	422
<i>Detroit</i> ,	Mich.	42 24	82 58	5 31 52	526

	Latitude North.	Longitude, West,			Dist. from Wash'ton. miles.
		in degrees.		in time.	
	° ' "	° ' "	h. m. s.		
Dorchester (Ast. Obs.), Mass.	42 19 10	71 4 19	4 44 17.3	432	
Dover, Del.	39 10	75 30	5 2 0	114	
Dover, N. H.	43 13	70 54	4 43 36	490	
Easton (Court House), Md.	38 46 10	76 8	5 4 32	80	
Eastport, Me.	44 54	66 56	4 27 44	778	
Edenton, N. C.	39 0	77 7	5 28 29	234	
Exeter, N. H.	42 53	70 55	4 43 40	474	
Frankfort, Ky.	38 14	84 40	5 33 40	551	
Fredericksburg, Va.	38 34	77 38	5 10 32	56	
Frederickton, N. B.	46 3	66 45	4 27 0		
Frederick, Md.	39 24	77 15	5 9 12	43	
Georgetown, S. C.	33 21	79 17	5 17 8	432	
Gloucester (Univ. Ch.), Mass.	42 36 44	70 40 19	4 42 41.3	462	
Do. (E. P'nt L't.)	42 34 43	70 40 13	4 42 40.9	466	
Do. (Ten P'nd Isl. L't.)	42 36 4	70 40 17	4 42 41.1	463	
Greenfield (2d Con. Ch.), Mass.	42 35 16	72 36 32	4 50 26.1	396	
Hagerstown, Md.	39 37	77 35	5 10 20	63	
Halifax, N. S.	44 39 20	63 36 40	4 14 26.7	936	
Hallowell, Me.	44 17	69 50	4 39 30	593	
Harrisburg, Pa.	40 16	76 50	5 7 20	110	
Hartford (State House), Conn.	41 45 50	72 40 45	4 50 43	335	
Holmes's Hole (Windmill), Ms.	41 27 15	70 36 38	4 42 26.5	457	
Hudson, N. Y.	42 14	73 46	4 55 4	345	
Hudson (Reserve Coll.), Ohio,	41 14 42	81 23 45	5 25 35		
Huntsville, Ala.	34 36	86 57	5 47 48	723	
Indianapolis, Ind.	39 55	86 5	5 44 20	573	
Ipswich (Eastern Light), Mass.	42 41 2	70 46 27	4 43 5.8	462	
Do. (West. Light),	42 41 2	70 46 34	4 43 6.3		
Jackson, M'pi.	32 23	90 8	6 0 32	1036	
Jefferson, M'ri.	38 36	92 8	6 8 32	930	
Key West, (S. W. Pt.) Fa.	24 32	81 47 30	5 27 10		
Kingston, U. C.	44 8	76 40	5 6 40	456	
Knoxville, Tenn.	35 59	83 54	5 26 36	516	
Lancaster, Pa.	40 2 36	76 20 33	5 5 22.2	100	
Lexington, Ky.	38 6	84 18	5 37 12	534	
Little Rock, Ark.	34 40	92 12	6 8 48	1066	
Lockport, N. Y.	43 11	78 46	5 15 4	403	
Louisville, Ky.	38 3	85 30	5 42 0	590	
Lowell (St. Ann's Ch.), Mass.	42 38 48	71 18 57	4 45 15.8	439	
Lynchburg, Va.	37 36	79 22	5 17 23	198	
Lynn, Mass.	42 28	70 57	4 43 48	441	
Machias Bay, Me.	44 33	67 22	4 29 28		
Marblehead, Mass.	42 30 24	70 51 24	4 43 25.6	450	
Marblehead (Light), Mass.	42 30 14	70 50 39	4 43 22.6	443	
Middletown (W. Univ.), Conn.	41 33 9	72 39	4 50 36	325	
Milledgeville, Ga.	33 7 20	83 19 45	5 33 19.0	643	
Mobile, Ala.	30 41 48	87 59	5 51 56	1033	
Montpelier, Vt.	44 17	72 36	4 50 24	524	
Monomoy Point Light, Mass.	41 33 31	70 0 5	4 40 0.4	500	

		Latitude North.			Longitude, West, in degrees.			in time.			Dist. from Wash'ton. miles.
		°	'	"	°	'	"	h.	m.	s.	
Montreal,	L. C.	45	31		73	35		4	54	20	601
Nantucket (S'th Tower),	Mass.	41	16	56	70	6	12	4	40	24.8	490
Nashville (University),	Tenn.	36	9	33	86	49	3	5	47	16.2	714
Natchez (Fort Panmure),	M'pi.	31	34		91	24	42	6	5	38.8	1146
Newark,	N. J.	40	45		74	10		4	56	40	215
N. Bedford (Mar.'s Ch.),	Mass.	41	38	7	70	55	49	4	43	43.3	429
Newbern,	N. C.	35	20		77	5		5	8	20	337
Newburg,	N. Y.	41	31		74	1		4	56	4	232
Newburyport (2d Pres. C.),	Ms.	42	46	32	70	52	47	4	43	31.1	466
Do. (Lights),	Mass.	42	48	23	70	49	6	4	42	18.0	469
Newcastle,	Del.	39	40		75	32		5	2	8	103
New Haven (College),	Conn.	41	18	36	72	56	45	4	51	47	301
New London,	Conn.	41	22		72	9		4	48	36	354
New Orleans (City Hall),	La.	29	57	30	90			6	0		1203
Newport (Court House),	R. I.	41	29		71	19	12	4	45	16.8	403
New York (City Hall),	N. Y.	40	42	40	74	1	8	4	56	4.5	226
Nobsque Point Light,	Mass.	41	31		70	39	36	4	42	38.5	450
Norfolk (Farmer's Bank),	Va.	36	50	50	76	18	47	5	5	15.1	217
Northampton (1st C. Ch.),	Mass.	42	19	8	72	38	21	4	50	33.4	376
Norwich,	Conn.	41	33		72	7		4	48	28	362
Pensacola,	Fa.	30	24		87	10	12	5	48	40.8	1050
Petersburg,	Va.	37	13	54	77	20		5	9	20	144
Philadelphia (Ind'ce H.),	Pa.	39	56	59	75	9	54	5	0	39.6	136
Do. (High Sch. Obs.)		39	57	9	75	10	37	5	0	42.5	
Pittsburg,	Pa.	40	32		80	2		5	20	8	223
Pittsfield (1st Con. Ch.),	Mass.	42	26	55	73	16	5	4	53	4.3	860
Plattsburgh,	N. Y.	44	42		73	26		4	53	44	539
Plymouth (Court H.),	Mass.	41	57	28	70	40	28	4	42	41.9	439
Portland (Town H.),	Me.	43	39	26	70	20	30	4	41	22	542
Do. (Light),		43	36		70	12	12	4	40	49	
Portsmouth (Unit. Ch.),	N. H.	43	4	35	70	45	50	4	43	3.3	491
Do. (Light),		43	3	30	70	43		4	42	52	
Poughkeepsie,	N. Y.	41	41		73	55		4	55	40	301
Princeton (Nassau Hall),	N. J.	40	20	41	74	39	30	4	68	39	177
Providence (Univ. Hall),	R. I.	41	49	22	71	24	48	4	45	39.2	394
Quebec (Citadel),	L. C.	46	49	12	71	16		4	45	4	781
Raleigh,	N. C.	35	47		78	48		5	15	12	286
Richmond (Capitol),	Va.	37	32	17	77	27	28	5	9	49.9	122
Rochester (R'r House),	N. Y.	43	8	17	77	51		5	11	24	361
Sable (Cape),	Fa.	24	50		81	15		5	25	0	
Sackett's Harbor,	N. Y.	43	55		75	57		5	3	48	407
Saco,	Me.	43	31		70	26		4	41	44	528
St. Augustine,	Fa.	29	48	30	81	35		5	26	20	841
St. Louis,	M'ri.	36	37	28	90	15	29	6	1	2.6	856
Salem (E. I. M. Hall),	Mass.	42	31	19	70	53	57	4	43	35.8	446
Sandwich (1st Con. Ch.),	Mass.	41	45	31	70	30	27	4	42	1.9	456
Savannah (Exchange),	Ga.	32	4	56	81	8	18	5	24	33.2	662
Schenectady,	N. Y.	42	48		73	55		4	55	40	391
Springfield,	Il.	39	48		89	33		5	58	12	801

		Latitude North.			Longitude, West, in degrees.			Dist. from Wash'ton.
		°	'	"	°	'	"	
Springfield (Court H.),	Mass.	42	6	1	73	35	47	357
Squam Harbor (Light),	Mass.	42	39	46	70	41	8	406
Straitsmouth Island (Light),	"	42	39	41	70	35	36	471
Stratford,	Conn.	41	11	7	73	8	46	367
Tallahassee,	Fa.	30	28		84	36		896
Taunton (Trin. Con. Ch.),	Mass.	41	54	8	71	6	5	415
Toronto or York,	U. C.	43	33		79	26		500
Trenton,	N. J.	40	14		74	30		106
Troy,	N. Y.	42	44		73	40		383
Tuscaloosa,	Ala.	33	12		87	42		858
University of Virginia,	Va.	38	2	3	78	31	29	124
Utica (Dutch Church),	N. Y.	43	6	49	75	13		353
Vandalia,	Il.	38	50		89	2		731
Vevay,	Ind.	38	46		84	59		556
Vincennes,	Ind.	38	43		87	25		693
WASHINGTON (Capitol),	D. C.	38	53	23	77	1	24	
Washington,	M'pi.	31	36		91	20		1146
Wheeling,	Va.	40	7		80	42		264
Williamstown (Con. Ch.)	Mass.	42	42	51	73	18	26	406
Wilmington,	Del.	39	41		75	28		108
Wilmington,	N. C.	34	11		79	10		416
Worcester (Ant. Hall),	Mass.	42	16	13	71	48	10	394
York,	Me.	43	10	0	70	40		500
York,	Pa.	39	53		76	40		67
Yorktown,	Va.	37	13		76	34		

# LATITUDE AND LONGITUDE OF THE PRINCIPAL FOREIGN OBSERVATORIES.

[The Longitudes are from Greenwich.]

Observatories.	Latitude.	Longitude in time.	
		h.	m. s.
Altona,	53 32 45 N.	0	39 46.6 E.
Armagh,	54 21 12.7 N.	0	26 36.5 W.
Berlin,	52 31 15.5 N.	0	53 35.5 E.
Brussels,	50 51 10.7 N.	0	17 29.0 E.
Cambridge,	52 12 51.8 N.	0	0 23.5 E.
Cape of Good Hope,	33 56 3 S.	1	13 55.0 E.
Dorpat,	58 22 47 N.	1	46 55 E.
Dublin,	53 23 13 N.	0	25 22 W.
Edinburgh,	55 57 23.2 N.	0	12 43.6 W.
Gottingen,	51 31 48 N.	0	39 46.5 E.
Greenwich,	51 28 39.0 N.	0	0 0.0
Königsberg,	54 42 50 N.	1	22 0.5 E.
Munich,	48 8 45 N.	0	46 26.5 E.
Paris,	48 50 13 N.	0	9 21.5 E.
Petersburg,	59 56 31 N.	2	1 15.8 E.
Rome,	41 53 52 N.	0	49 52.7 E.
Turin,	45 4 6 N.	0	30 43.4 E.
Vienna,	48 12 36 N.	1	5 31.9 E.

## At Apparent Noon at Greenwich.

JANUARY.				FEBRUARY.			
D.	Semi-Diam. " "	S. D. culm. m. sec.		D.	Semi-Diam. " "	S. D. culm. m. sec.	
1	16 17.3	1 11.01		2	16 14.8	1 8.14	
3	17.3	10.92		4	14.5	7.91	
5	17.3	10.31		6	14.2	7.68	
7	17.3	10.69		8	13.8	7.45	
9	17.2	10.55		10	13.5	7.23	
11	17.1	10.39		12	13.1	7.01	
13	17.0	10.23		14	12.7	6.79	
15	16.8	10.05		16	12.2	6.58	
17	16.7	9.87		18	11.8	6.38	
19	16.5	9.67		20	11.4	6.18	
21	16.3	9.47		22	11.0	5.99	
23	16.1	9.26		24	10.5	5.81	
25	15.9	9.04		26	10.1	5.64	
27	15.6	8.82		28	9.6	5.48	
29	15.4	8.59		30	9.1	5.33	
31	15.1	8.37					

D.	Declina. South.	Equat. of T. to be added to Appar. Time. m. s.	Sidereal Time at mean noon h. m. sec.	D.	Declina. South.	Equat. of T. to be added to Appar. Time. m. sec.	Sidereal Time at mean noon h. m. sec.
1	33 3 47.5	3 35.22	18 40 59.70	1	17 15 44.3	13 49.76	20 43 12.96
2	22 53 51.3	4 3.57	44 56.26	2	16 53 40.6	13 57.05	47 9.52
3	22 53 27.7	4 31.57	48 52.82	3	16 41 19.1	14 4.71	51 6.07
4	22 47 36.8	4 59.19	52 49.37	4	16 23 40.3	14 10.04	55 2.63
5	22 41 18.6	5 26.42	56 45.93	5	16 5 44.4	14 16.36	59 59.18
6	22 34 33.6	5 53.20	19 0 42.49	6	15 47 31.9	14 20.96	21 2 55.74
7	22 27 21.7	6 19.54	4 39.05	7	15 29 3.2	14 24.77	6 52.29
8	22 19 43.3	6 45.40	8 35.60	8	15 10 19.6	14 27.78	10 48.85
9	22 11 38.4	7 10.77	12 32.16	9	14 51 18.5	14 30.01	14 45.40
10	22 3 7.4	7 35.61	16 28.72	10	14 32 3.5	14 31.46	18 41.96
11	21 54 10.5	7 50.91	20 25.28	11	14 12 33.8	14 32.16	22 38.51
12	21 44 48.0	8 23.04	24 21.83	12	13 52 49.8	14 32.09	26 35.07
13	21 35 0.0	8 46.79	28 18.39	13	13 32 52.1	14 31.28	30 31.62
14	21 24 46.9	9 9.33	32 14.95	14	13 12 41.1	14 29.72	34 28.18
15	21 14 9.1	9 31.23	36 11.50	15	12 52 17.1	14 27.43	38 24.73
16	21 3 6.7	9 52.49	40 8.06	16	12 31 40.7	14 24.43	42 21.28
17	20 51 40.1	10 13.07	44 4.62	17	12 10 52.2	14 20.70	46 17.94
18	20 39 49.7	10 32.97	48 1.17	18	11 49 52.1	14 16.27	50 14.39
19	20 27 35.7	10 52.14	51 57.73	19	11 28 40.8	14 11.14	54 10.95
20	20 14 58.6	11 10.57	55 54.29	20	11 7 18.8	14 5.33	58 7.50
21	20 1 58.7	11 28.26	59 50.85	21	10 45 46.5	13 58.84	22 2 4.05
22	19 48 36.4	11 45.18	20 3 47.40	22	10 24 4.3	13 51.69	6 0.61
23	19 34 52.0	12 1.33	7 43.96	23	10 2 12.7	13 43.88	9 57.16
24	19 20 46.0	12 16.68	11 40.51	24	9 40 12.1	13 35.43	13 53.71
25	19 6 18.7	12 31.21	15 37.07	25	9 18 2.8	13 26.37	17 50.27
26	18 51 30.5	12 44.93	19 33.63	26	8 55 45.3	13 16.70	21 46.82
27	18 36 21.8	12 57.52	23 30.19	27	8 33 20.1	13 6.42	25 43.37
28	18 20 52.9	13 9.88	27 26.74	28	8 10 47.4	12 55.58	29 39.93
29	18 5 4.4	13 21.11	31 23.30	29	7 48 7.7	12 44.19	33 36.48
30	17 48 56.5	13 31.50	35 19.85				
31	17 32 29.7	13 41.05	39 16.41				

Obliquity of the Ecliptic.

1st, 23° 27' and 33.02"; 11th, 33.02"; 21st, 33.07"; 31st, 33.07".

Horizontal Parallax.

1st, 8.72"; 11th, 8.72"; 21st, 8.72"; 31st, 8.71".

Obliquity of the Ecliptic.

10th 23° 27' and 33.25"; 20th, 33.33".

Horizontal Parallax.

10th, 8.69"; 20th, 8.67".

*At Apparent Noon at Greenwich.*

MARCH.					APRIL.				
D.	Semi-Diam.	S. D. culm.	Obliquity of the Ecliptic. 1st, 23°27' and 33.38''; 11th, 33.37''; 21st, 33.30''; 31st, 33.16''.	Horizontal Parallax. 1st, 8.65''; 11th, 8.63''; 21st, 8.60''; 31st, 8.58''.	D.	Semi-Diam.	S. D. culm.	Obliquity of the Ecliptic. 10th, 23°27' and 32.97''; 20th, 32.73''; 30th, 32.46''.	Horizontal Parallax. 10th, 8.56''; 20th, 8.53''; 30th, 8.51''.
	' "	m. sec.				' "	m. sec.		
2	16 8.9	1 5.26			1	16 0.8	1 4.44		
4	9.4	5.12			3	0.3	4.48		
6	7.9	5.00			5	15 59.7	4.53		
8	7.3	4.88			7	59.1	4.59		
10	6.8	4.78			9	58.6	4.66		
12	6.3	4.69			11	58.0	4.74		
14	5.7	4.61			13	57.5	4.83		
16	5.2	4.55			15	56.9	4.98		
18	4.6	4.50			17	56.4	5.04		
20	4.1	4.45			19	55.8	5.16		
22	3.5	4.42			21	55.3	5.23		
24	3.0	4.40			23	54.8	5.42		
26	2.4	4.39			25	54.3	5.56		
28	1.9	4.40			27	53.9	5.70		
30	1.3	4.41			29	53.4	5.85		
32	0.8	4.44			31	52.9	6.01		

D.	Declina. South.	Equat. of T. to be added to Appar. Time.	Sidereal Time at mean noon h. m. sec.	D.	Declina. North.	Equat. of T. add to Appar. till 15th. m. sec.	Sidereal Time at mean noon h. m. sec.
1	7 25 21.3	12 32.26	22 37 33.03	1	4 41 49.2	3 52.57	0 39 46.17
2	7 2 28.6	12 19.83	41 29.59	2	5 4 52.3	3 34.37	43 42.72
3	6 39 30.0	12 6.89	45 26.14	3	5 27 50.0	3 16.31	47 39.27
4	6 16 25.9	11 53.49	49 22.69	4	5 50 42.0	2 58.39	51 35.82
5	5 53 16.6	11 39.64	53 19.25	5	6 13 27.9	2 40.65	55 32.38
6	5 30 2.5	11 25.36	57 15.80	6	6 36 7.6	2 23.11	59 28.93
7	5 6 43.8	11 10.70	23 1 12.35	7	6 58 40.6	2 5.79	1 3 26.48
8	4 43 24.1	10 55.65	5 8.90	8	7 21 6.5	1 48.71	7 22.04
9	4 19 54.7	10 40.25	9 5.46	9	7 43 25.2	1 31.89	11 18.50
10	3 56 24.9	10 24.51	13 2.01	10	8 5 36.1	1 15.35	15 15.14
11	3 32 52.1	10 8.47	16 58.56	11	8 27 39.0	0 59.11	19 11.60
12	3 9 16.9	9 52.13	20 55.11	12	8 49 33.6	0 43.18	23 8.25
13	2 45 39.1	9 35.52	24 51.67	13	9 11 19.4	0 27.57	27 4.80
14	2 21 59.7	9 18.67	28 48.22	14	9 32 56.2	+0 12.32	31 1.35
15	1 58 18.8	9 1.53	32 44.77	15	9 54 23.6	-0 2.59	34 57.91
16	1 34 36.8	8 44.28	36 41.32	16	10 15 41.2	0 17.13	38 54.46
17	1 10 54.2	8 26.77	40 37.88	17	10 36 48.6	0 31.29	42 51.02
18	0 47 11.3	8 9.09	44 34.43	18	10 57 45.5	0 45.06	46 47.57
19	0 23 28.5	7 51.26	48 30.98	19	11 18 31.6	-0 58.43	50 44.12
20	No 0 13.8	7 33.27	52 27.53	20	11 39 6.6	1 11.39	54 40.03
21	0 23 55.3	7 15.16	56 24.09	21	11 59 29.9	1 23.93	58 37.23
22	0 47 35.5	6 56.94	0 0 20.64	22	12 19 41.4	1 36.05	2 2 33.79
23	1 11 14.1	6 38.61	4 17.19	23	12 39 40.8	1 47.72	6 30.34
24	1 34 50.6	6 20.21	8 13.74	24	12 59 27.6	1 58.95	10 26.89
25	1 58 24.8	6 1.76	12 10.30	25	13 19 1.5	2 9.73	14 23.45
26	2 21 56.4	5 43.27	16 6.85	26	13 38 22.3	2 20.03	18 20.00
27	2 45 24.8	5 24.74	20 3.40	27	13 57 29.7	2 29.85	22 16.56
28	3 8 49.7	5 6.22	23 59.96	28	14 16 23.2	2 39.19	26 13.11
29	3 32 11.1	4 47.73	27 56.51	29	14 35 2.6	2 48.02	30 9.66
30	3 55 28.3	4 29.27	31 53.06	30	14 53 27.7	2 56.34	34 6.22
31	4 18 41.1	4 10.97	35 49.61	31	15 11 38.0	3 4.14	38 2.77

## At Apparent Noon at Greenwich.

MAY.				JUNE.			
D.	Semi-Diam. " "	S. D. culm. m. sec.		D	Semi-Diam. " "	S. D. culm. m. sec.	
1	15 52.9	1 6.01		2	15 47.0	1 8.39	
3	52.5	6.17		4	46.7	8.49	
5	52.0	6.33		6	46.5	8.58	
7	51.6	6.49		8	46.3	8.66	
9	51.1	6.55		10	46.1	8.73	
11	50.7	6.62		12	45.9	8.79	
13	50.3	6.68		14	45.7	8.83	
15	49.9	7.14		16	45.6	8.86	
17	49.5	7.30		18	45.4	8.87	
19	49.1	7.46		20	45.3	8.88	
21	48.9	7.61		22	45.2	8.87	
23	48.4	7.76		24	45.2	8.85	
25	48.1	7.90		26	45.1	8.82	
27	47.9	8.04		28	45.1	8.78	
29	47.5	8.16		30	45.1	8.72	
31	47.3	8.28		32	45.1	8.65	

D.	Declina. North. " "	Equat. of T. to be subtr. fr. Appar. Time. m. sec.	Sidereal Time at mean noon h. m. sec.	D.	Declina. North. " "	Equat. of T. sub. fr. Appar. till 14th. m. sec.	Sidereal Time at mean noon h. m. sec.
1	15 11 38.0	3 4.14	2 33 2.77	1	23 6 49.4	2 28.27	4 40 16.01
2	15 29 33.4	3 11.40	41 58.33	2	22 14 39.5	2 19.15	44 12.57
3	15 47 13.4	3 18.11	45 55.89	3	22 22 6.4	2 9.64	48 9.13
4	16 4 37.9	3 24.27	49 52.44	4	22 29 9.9	1 50.75	52 5.68
5	16 21 46.5	3 29.96	53 48.99	5	22 35 40.8	1 49.51	56 2.24
6	16 38 38.9	3 34.88	57 45.55	6	22 42 6.0	1 38.91	59 59.80
7	16 55 14.9	3 39.31	3 1 42.11	7	22 47 58.4	1 28.00	6 3 55.36
8	17 11 33.9	3 43.15	5 39.66	8	22 53 26.9	1 16.77	7 51.91
9	17 27 35.9	3 46.41	9 35.22	9	22 58 31.2	1 5.26	11 49.47
10	17 43 20.5	3 49.67	13 31.77	10	23 3 11.3	0 53.48	15 45.03
11	17 58 47.4	3 51.14	17 28.33	11	23 7 27.0	0 41.45	19 41.59
12	18 13 56.2	3 52.61	21 24.68	12	23 11 18.4	0 29.21	23 38.14
13	18 29 46.9	3 53.50	25 21.44	13	23 14 45.2	0 16.78	27 34.70
14	18 43 18.9	3 53.79	29 17.99	14	23 17 47.4	0 4.17	31 31.26
15	18 57 32.0	3 53.49	33 14.55	15	23 20 25.0	+ 0 8.58	35 27.82
16	19 11 25.9	3 52.61	37 11.11	16	23 22 37.9	0 21.43	39 24.37
17	19 25 0.3	3 51.18	41 7.66	17	23 24 26.1	0 34.38	43 20.93
18	19 38 15.0	3 49.13	45 4.22	18	23 25 49.4	0 47.38	47 17.49
19	19 51 9.7	3 46.63	49 0.77	19	23 26 49.0	1 0.42	51 14.05
20	20 3 44.1	3 43.54	52 57.33	20	23 27 21.8	1 13.46	55 10.60
21	20 15 58.0	3 39.92	56 53.89	21	23 27 30.8	1 26.47	59 7.16
22	20 27 51.1	3 35.73	4 0 50.44	22	23 27 15.1	1 39.43	6 3 3.72
23	20 39 23.9	3 31.14	4 47.00	23	23 26 34.5	1 52.38	7 0.28
24	20 50 34.0	3 26.00	8 43.56	24	23 25 29.2	2 5.13	10 56.83
25	21 1 23.3	3 20.37	12 40.11	25	23 23 59.3	2 17.80	14 53.39
26	21 11 50.9	3 14.27	16 36.67	26	23 22 4.7	2 30.33	18 49.95
27	21 21 56.6	3 7.70	20 33.23	27	23 19 45.5	2 42.71	22 46.51
28	21 31 40.2	2 0.68	24 29.78	28	23 17 1.7	2 54.90	26 43.06
29	21 41 1.4	2 53.22	28 26.34	29	23 13 53.4	3 6.59	30 39.62
30	21 50 0.2	2 45.33	32 22.90	30	23 10 20.8	3 18.67	34 36.18
31	21 58 26.3	2 37.01	36 19.45	31	23 6 23.8	3 30.21	38 32.74



*At Apparent Noon at Greenwich.*

JULY.				AUGUST.			
D.	Semi-Diam.	S. D. culm.		D.	Semi-Diam.	S. D. culm.	
2	15 45.1	1 8.65		1	15 47.1	1 6.55	
4	45.1	8.57		3	47.3	6.38	
6	45.1	8.47		5	47.6	6.20	
8	45.1	8.37		7	47.9	6.03	
10	45.2	8.25		9	48.2	5.86	
12	45.2	8.13		11	48.5	5.70	
14	45.3	7.99		13	48.8	5.54	
16	45.4	7.85		15	49.2	5.38	
18	45.6	7.71		17	49.6	5.23	
20	45.7	7.55		19	50.0	5.09	
22	45.9	7.39		21	50.4	4.95	
24	46.1	7.23		23	50.9	4.82	
26	46.4	7.06		25	51.3	4.70	
28	46.6	6.90		27	51.7	4.59	
30	46.8	6.73		29	52.2	4.49	
32	47.1	6.55		31	52.6	4.39	

D.	Declina. North.	Equat. of T. to be added to Appar. Time.	Sidereal Time at mean noon	D.	Declina. North.	Equat. of T. to be added to Appar. Time.	Sidereal Time at mean noon
		m. sec.	h. m. sec.			m. sec.	h. m. sec.
1	23 6 23.8	3 30.21	6 38 32.74	1	17 57 16.0	5 59.69	8 40 45.90
2	23 2 2.5	3 41.49	42 29.29	2	17 41 55.1	5 55.65	44 42.55
3	22 57 17.2	3 52.51	46 25.85	3	17 26 16.8	5 51.02	48 39.10
4	22 52 7.8	4 3.23	50 22.41	4	17 10 21.4	5 45.80	52 35.66
5	22 46 34.5	4 13.65	54 18.97	5	16 54 9.1	5 40.00	56 32.22
6	22 40 37.4	4 23.76	58 15.52	6	16 37 40.4	5 33.63	9 0 28.77
7	22 34 16.6	4 33.52	7 2 12.08	7	16 20 55.5	5 26.69	4 25.33
8	22 27 32.3	4 42.92	6 8.64	8	16 3 54.6	5 19.17	8 21.88
9	22 20 24.7	4 51.96	10 5.20	9	15 46 38.2	5 11.10	12 18.44
10	22 12 53.9	5 0.60	14 1.75	10	15 29 6.4	5 2.47	16 14.99
11	22 5 0.1	5 8.83	17 58.31	11	15 11 19.8	4 53.29	20 11.55
12	21 56 43.6	5 16.63	21 54.87	12	14 53 18.5	4 48.56	24 8.10
13	21 48 4.4	5 23.97	25 51.42	13	14 35 3.0	4 33.26	28 4.65
14	21 39 2.7	5 30.85	29 47.98	14	14 16 33.5	4 22.42	32 1.21
15	21 29 38.9	5 37.34	33 44.54	15	13 57 50.3	4 11.05	35 57.78
16	21 19 53.2	5 43.14	37 41.10	16	13 38 53.9	3 59.14	39 54.32
17	21 9 45.8	5 48.51	41 37.65	17	13 19 44.5	3 46.72	43 50.87
18	20 59 16.8	5 53.35	45 34.21	18	13 0 22.5	3 33.79	47 47.43
19	20 48 26.6	5 57.63	49 30.76	19	12 40 48.2	3 20.33	51 43.98
20	20 37 15.5	6 1.36	53 27.32	20	12 21 2.0	3 6.37	55 40.53
21	20 25 43.6	6 4.51	57 23.88	21	12 1 4.1	2 51.93	59 37.09
22	20 13 51.2	6 7.08	8 1 20.43	22	11 40 54.9	2 37.02	10 3 33.64
23	20 1 38.5	6 9.05	5 16.99	23	11 20 34.6	2 21.64	7 30.20
24	19 49 5.9	6 10.43	9 13.55	24	11 0 37.5	2 5.82	11 26.75
25	19 36 13.5	6 11.20	13 10.10	25	10 39 22.2	1 49.57	15 23.30
26	19 23 1.7	6 11.37	17 6.66	26	10 18 30.8	1 32.91	19 19.96
27	19 9 30.7	6 10.93	21 3.22	27	9 57 29.5	1 15.85	23 16.41
28	18 55 40.7	6 9.89	24 59.77	28	9 36 18.6	0 58.41	27 12.96
29	18 41 32.0	6 8.24	28 56.33	29	9 14 58.6	0 40.61	31 9.52
30	18 27 4.7	6 5.99	32 52.88	30	8 53 29.6	0 22.49	35 6.07
31	18 12 19.4	6 3.14	36 49.44	31	8 31 52.0	0 4.05	39 2.62

## At Apparent Noon at Greenwich.

SEPTEMBER.				OCTOBER.			
D.	Semi-Diam. " "	S. D. culm. m. sec.	Obliquity of the Ecliptic. Horizontal Parallax. 7th, 23° 27' and 31.60"; 17th, 31.59"; 27th, 31.49"; 7th, 8.62"; 17th, 8.54"; 27th, 8.50".	D.	Semi-Diam. " "	S. D. culm. m. sec.	Obliquity of the Ecliptic. Horizontal Parallax. 7th, 23° 27' and 31.33"; 17th, 31.12"; 27th, 30.57"; 7th, 8.69"; 17th, 8.61"; 27th, 8.64".
2	15 53.1	1 4.31		2	16 0.9	1 4.37	
4	53.5	4.23		4	1.5	4.47	
6	54.0	4.17		6	2.0	4.58	
8	54.5	4.11		8	2.6	4.70	
10	55.0	4.07		10	3.1	4.84	
12	55.5	4.03		12	3.7	4.98	
14	56.0	4.01		14	4.2	5.14	
16	56.6	4.00		16	4.8	5.30	
18	57.1	4.01		18	5.3	5.48	
20	57.6	4.03		20	5.9	5.66	
22	58.2	4.06		22	6.4	5.86	
24	58.7	4.10		24	7.0	6.06	
26	59.3	4.15		26	7.5	6.27	
28	59.8	4.21		28	8.0	6.48	
30	16 0.4	4.29		30	8.6	6.70	
32	0.9	4.37		32	9.0	6.92	

D.	Declina. North. ° ' "	Equat. of T. to be subtr. fr. Appar. Time. m. sec.	Sidereal Time at mean noon h. m. sec.	D.	Declina. South. ° ' "	Equat. of T. to be subtr. fr. Appar. Time. m. sec.	Sidereal Time at mean noon h. m. sec.
1	8 10 6.1	0 14.69	10 42 59.18	1	3 19 40.0	10 25.94	12 41 15.75
2	7 48 12.2	0 33.70	46 55.73	2	3 42 57.2	10 44.80	45 12.31
3	7 26 10.6	0 52.98	50 52.28	3	4 6 12.0	11 3.32	49 8.86
4	7 4 1.6	1 12.50	54 48.84	4	4 29 24.0	11 21.49	53 5.41
5	6 41 45.6	1 32.23	58 45.39	5	4 52 32.9	11 39.28	57 1.96
6	6 19 22.9	1 52.16	11 2 41.94	6	5 15 38.2	11 56.68	13 0 58.52
7	5 56 53.8	2 12.28	6 38.49	7	5 38 39.5	12 13.67	4 55.07
8	5 34 19.5	2 32.57	10 35.05	8	6 1 36.6	12 30.22	8 51.62
9	5 11 37.8	2 53.01	14 31.60	9	6 24 29.0	12 46.33	12 48.17
10	4 48 51.7	3 13.58	18 28.15	10	6 47 16.4	13 1.96	16 44.73
11	4 26 0.5	3 34.27	22 24.70	11	7 9 58.3	13 17.11	20 41.28
12	4 3 4.7	3 55.06	26 21.26	12	7 32 34.3	13 31.78	24 37.83
13	3 40 4.6	4 15.94	30 17.81	13	7 55 4.1	13 45.93	28 34.38
14	3 17 0.6	4 36.90	34 14.36	14	8 17 27.2	13 59.55	32 30.94
15	2 53 53.0	4 57.91	38 10.91	15	8 39 43.3	14 12.64	36 27.49
16	2 30 42.2	5 18.96	42 7.47	16	9 1 52.0	14 25.16	40 24.04
17	2 7 28.4	5 40.03	46 4.02	17	9 23 52.8	14 37.12	44 20.60
18	1 44 12.1	6 1.10	50 0.57	18	9 45 45.4	14 48.40	48 17.15
19	1 20 53.7	6 22.16	53 57.12	19	10 7 29.4	14 59.27	52 13.70
20	0 57 33.4	6 43.19	57 53.68	20	10 29 4.3	15 9.44	56 10.26
21	0 24 11.5	7 4.17	12 1 50.23	21	10 50 29.9	15 18.97	14 0 6.81
22	0 10 48.5	7 25.07	5 46.78	22	11 11 45.7	15 27.86	4 3.36
23	0 12 35.5	7 45.97	9 43.33	23	11 32 51.4	15 36.07	7 59.92
24	0 36 0.0	8 6.55	13 39.89	24	11 53 46.6	15 43.60	11 56.47
25	0 59 24.8	8 27.08	17 36.44	25	12 14 31.0	15 50.43	15 53.03
26	1 22 49.4	8 47.45	21 32.99	26	12 35 3.9	15 56.54	19 49.58
27	1 46 13.7	9 7.63	25 29.54	27	12 55 25.2	16 1.92	23 46.13
28	2 9 37.2	9 27.60	29 26.10	28	13 15 34.4	16 6.54	27 42.69
29	2 32 59.6	9 47.32	33 22.65	29	13 35 31.2	16 10.40	31 39.24
30	2 56 20.7	10 6.77	37 19.20	30	13 55 15.1	16 13.48	35 35.80
31	3 19 40.0	10 25.94	41 15.75	31	14 14 45.8	16 15.76	39 32.35

*At Apparent Noon at Greenwich.*

NOVEMBER.				DECEMBER.			
D.	Semi-Diam. ' " "	S. D. culm. m. sec.		D.	Semi-Diam. ' " "	S. D. culm. m. sec.	
1	16 9.0	1 6.92		1	16 15.0	1 10.25	
3	9.5	7.15		3	15.3	10.41	
5	9.9	7.38		5	15.6	10.56	
7	10.4	7.62		7	15.9	10.70	
9	10.8	7.86		9	16.0	10.82	
11	11.3	8.10		11	16.2	10.92	
13	11.7	8.34		13	16.4	11.01	
15	12.2	8.58		15	16.6	11.08	
17	12.6	8.81		17	16.8	11.14	
19	13.0	9.04		19	16.9	11.18	
21	13.4	9.26		21	17.1	11.20	
23	13.7	9.48		23	17.2	11.20	
25	14.1	9.68		25	17.2	11.18	
27	14.4	9.88		27	17.3	11.14	
29	14.7	10.07		29	17.3	11.08	
31	15.0	10.25		31	17.3	11.02	
Obliquity of the Ecliptic. 6th, 23° 27' and 30.56"; 16th, 23° 31'; 26th, 30.65". Horizontal Parallax. 6th, 8.60"; 16th, 8.68"; 26th, 8.79".				Obliquity of the Ecliptic. 6th, 23° 27' and 30.84"; 16th, 23° 35"; 26th, 30.59"; 36th, 29.56". Horizontal Parallax. 6th, 8.71"; 16th, 8.72"; 26th, 8.7"; 36th, 8.79".			
D.	Declina. South. ' " "	Equat. of T. to be subtr. fr. Appar. Time. m. sec.	Sidereal Time at mean noon h. m. sec.	D.	Declina. North. ' " "	Equat. of T. sub. fr. Appar. till 24th. m. sec.	Sidereal Time at mean noon h. m. sec.
1	14 34 2.8	16 17.23	14 43 23.90	1	21 53 10.9	10 37.01	16 41 45.53
2	14 53 5.7	16 17.87	47 25.46	2	22 2 8.3	10 13.91	45 42.13
3	15 11 54.2	16 17.69	51 22.01	3	22 10 40.2	9 49.97	49 38.69
4	15 30 27.8	16 16.66	56 18.57	4	22 18 46.3	9 25.54	53 35.25
5	15 48 46.1	16 14.79	59 15.12	5	22 26 26.3	9 0.52	57 31.81
6	16 6 48.7	16 12.07	15 3 11.68	6	22 33 40.1	8 34.94	17 1 23.36
7	16 24 35.1	16 8.50	7 8.23	7	22 40 27.4	8 8.84	5 24.92
8	16 42 5.0	16 4.07	11 4.79	8	22 46 48.0	7 42.24	9 21.48
9	16 59 17.9	15 58.80	15 1.34	9	22 52 41.6	7 15.18	13 18.04
10	17 16 13.3	15 52.67	18 57.90	10	22 58 8.1	6 47.69	17 14.69
11	17 32 51.0	15 45.09	22 54.45	11	23 3 7.3	6 19.81	21 11.15
12	17 49 10.4	15 37.87	26 51.01	12	23 7 39.0	5 51.56	25 7.71
13	18 5 11.2	15 29.20	30 47.56	13	23 11 43.1	5 22.93	29 4.26
14	18 20 53.0	15 19.69	34 44.12	14	23 15 19.5	4 54.13	33 0.82
15	18 36 15.3	15 9.37	38 40.68	15	23 18 28.0	4 25.02	36 57.38
16	18 51 17.8	14 58.21	42 37.23	16	23 21 8.8	3 55.69	40 53.94
17	19 6 0.1	14 46.23	46 33.79	17	23 23 21.1	3 26.17	44 50.50
18	19 20 21.9	14 33.45	50 30.34	18	23 25 5.4	2 56.50	48 47.05
19	19 34 22.6	14 19.85	54 26.90	19	23 26 21.6	2 26.73	52 43.61
20	19 48 2.1	14 5.46	58 23.46	20	23 27 9.5	1 56.86	56 40.17
21	20 1 19.9	13 50.23	16 2 20.01	21	23 27 29.1	1 26.94	18 0 36.73
22	20 14 15.7	13 34.32	6 16.57	22	23 27 20.4	0 57.00	4 33.28
23	20 26 49.0	13 17.69	10 13.12	23	23 26 43.4	0 27.07	8 29.94
24	20 38 59.7	13 0.08	14 9.68	24	23 25 38.2	+ 0 2.82	12 26.40
25	20 50 47.3	12 41.82	18 6.24	25	23 24 4.6	0 32.65	16 22.96
26	21 2 11.5	12 22.81	22 2.79	26	23 22 2.8	1 2.36	20 19.51
27	21 13 12.1	12 3.07	25 59.35	27	23 19 32.8	1 31.96	24 16.07
28	21 23 48.6	11 42.60	29 55.91	28	23 16 34.7	2 1.40	28 12.68
29	21 34 0.8	11 21.43	33 52.46	29	23 13 8.5	2 30.65	32 9.19
30	21 43 48.3	10 59.56	37 49.02	30	23 9 14.3	2 59.67	36 5.74
31	21 53 10.9	10 37.01	41 45.53	31	23 4 52.3	3 28.45	40 2.30

*True Apparent Places of the Pole Star, for every day of the year.*

Epoch.—The Upper Culmination at Greenwich.

Day of the Month.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.			
	$\alpha$ Ursæ Minoris. (Polaris.)				$\alpha$ Ursæ Minoris (Polaris.)				$\alpha$ Ursæ Minoris (Polaris.)				$\alpha$ Ursæ Minoris. (Polaris.)				$\alpha$ Ursæ Minoris. (Polaris.)			
	Right Asc.		Dec. North.		Right Asc.		Dec. North.		Right Asc.		Dec. North.		Right Asc.		Dec. North.		Right Asc.		Dec. North.	
	h. 1	° 88	m. sec.	°	h. 1	° 88	m. sec.	°	h. 1	° 88	m. sec.	°	h. 1	° 88	m. sec.	°	h. 1	° 88	m. sec.	°
1844.																				
1	3	33.41	29	6.0	2	69.32	29	5.7	2	51.52	28	60.2	2	44.1	28	51.0	2	51.13	28	41.9
2		32.63		6.1		68.59		5.6		51.06		60.0		44.11		50.7		51.57		41.6
3		31.85		6.2		67.87		5.4		50.62		59.7		44.14		50.4		52.02		41.4
4		31.07		6.3		67.15		5.3		50.20		59.4		44.19		50.1		52.49		41.2
5		30.29		6.4		66.44		5.1		49.79		59.1		44.25		49.8		52.93		41.0
6		29.51		6.5		65.74		5.0		49.39		58.8		44.30		49.5		53.48		40.7
7		28.73		6.5		65.04		4.8		49.01		58.6		[44.37] [44.45]		[49.2] [48.9]		53.99		40.5
8		27.95		6.5		64.35		4.7		48.63		58.3		44.56		48.5		54.51		40.3
9		27.16		6.6		63.66		4.6		48.27		58.0		44.68		48.2		55.03		40.0
10		26.37		6.6		62.99		4.5		47.92		57.7		44.82		47.9		55.56		39.8
11		25.58		6.6		62.33		4.3		47.59		57.4		44.97		47.6		56.12		39.6
12		24.79		6.6		61.67		4.1		47.28		57.1		45.15		47.3		56.70		39.3
13		24.00		6.6		61.01		3.9		46.99		56.9		45.34		47.0		57.28		39.1
14		23.21		6.6		60.36		3.7		46.71		56.6		45.54		46.7		57.87		38.9
15		22.42		6.6		59.72		3.5		46.44		56.3		45.76		46.4		58.47		38.7
16		21.63		6.6		59.10		3.3		46.17		56.0		45.99		46.1		59.08		38.5
17		20.84		6.6		58.48		3.1		45.92		55.7		46.23		45.8		59.69		38.3
18		20.06		6.6		57.87		3.0		45.69		55.4		46.49		45.5		60.31		38.1
19		19.27		6.6		57.28		2.8		45.48		55.1		46.76		45.2		60.95		37.9
20		18.49		6.6		56.70		2.5		45.28		54.9		47.05		44.9		61.60		37.7
21		17.70		6.5		56.13		2.3		45.10		54.5		47.35		44.6		62.26		37.5
22		16.92		6.5		55.58		2.0		44.94		54.1		47.67		44.3		62.93		37.3
23		16.14		6.4		55.03		1.8		44.79		53.8		48.00		44.0		63.61		37.1
24		15.37		6.4		54.49		1.6		44.66		53.5		48.34		43.8		64.28		37.0
25		14.60		6.3		53.97		1.4		44.54		53.2		48.70		43.5		64.96		36.9
26		13.83		6.2		53.45		1.1		44.43		52.9		49.07		43.2		65.66		36.7
27		13.07		6.2		52.94		0.9		44.34		52.6		49.45		43.0		66.37		36.6
28		12.31		6.1		52.45		0.6		44.26		52.3		49.85		42.7		67.09		36.5
29		11.56		6.0		51.98		0.4		44.20		52.0		50.26		42.4		67.81		36.3
30		10.81		5.9		51.62		0.2		44.16		51.7		50.69		42.2		68.53		36.2
31		10.06		5.8						44.14		51.3		51.13		41.9		69.26		36.1
32		9.32		5.7						44.12		51.0						70.01		36.0

*True Apparent Places of the Pole Star, for every day of the year.*

Epoch. — The Upper Culmination at Greenwich.

Day of the Month.	JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.		
	$\alpha$ Ursæ Minoris. (Polaris.)			$\alpha$ Ursæ Minoris. (Polaris.)			$\alpha$ Ursæ Minoris. (Polaris.)			$\alpha$ Ursæ Minoris. (Polaris.)			$\alpha$ Ursæ Minoris. (Polaris.)		
	Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.		Right Asc.	Dec. North.	
	h. 1 m. sec.	° 1 "	88 "	h. 1 m. sec.	° 1 "	88 "	h. 1 m. sec.	° 1 "	88 "	h. 1 m. sec.	° 1 "	88 "	h. 1 m. sec.	° 1 "	88 "
1844.	3	10.01	28	3	34.28	23	3	59.42	23	4	19.28	28	4	29.88	23
1		10.76	35.8		35.12	34.8		60.17	38.9		19.79	47.2		30.05	57.9
2		11.51	35.7		35.96	34.8		60.91	39.1		20.29	47.5		30.22	58.3
3		12.27	35.6		36.80	34.9		61.65	39.3		20.78	47.8		30.37	58.7
4		13.03	35.5		37.65	35.0		62.38	39.5		21.26	48.1		30.50	59.0
5		13.80	35.4		38.49	35.0		63.10	39.7		21.74	48.5		30.63	59.4
6		14.58	35.3		39.32	35.1		63.80	39.9		22.21	48.8		30.75	59.8
7		15.37	35.2		40.15	35.2		64.51	40.1		22.65	49.1		30.85	60.1
8		16.16	35.1		40.99	35.3		65.22	40.4		23.07	49.5		30.95	60.5
9		16.95	35.0		41.82	35.4		65.92	40.7		23.49	49.8		31.03	60.9
10															
11		17.75	35.0		42.66	35.4		66.61	40.9		23.91	50.2		31.10	61.2
12		18.55	34.9		43.49	35.5		67.29	41.2		24.32	50.6		31.16	61.6
13		19.36	34.8		44.32	35.6		67.97	41.4		24.71	50.9		31.19	62.0
14		20.17	34.8		45.15	35.8		68.64	41.7		25.08	51.2		31.22	62.4
15		20.98	34.8		45.97	35.9		69.31	41.9		25.45	51.6		31.24	62.8
16		21.79	34.8		46.79	36.1		69.97	42.2		25.81	51.9		31.24	63.2
17		22.60	34.7		47.60	36.2		70.62	42.4		26.16	52.3		31.23	63.6
18		23.42	34.7		48.42	36.3		71.26	42.7		26.51	52.7		31.20	63.9
19		24.24	34.6		49.23	36.5		71.89	43.0		26.84	53.0		31.16	64.2
20		25.07	34.6		50.05	36.6		72.51	43.2		27.16	53.4		31.11	64.6
21		25.90	34.6		50.85	36.8		73.12	43.5		27.47	53.8		31.06	65.0
22		26.73	34.5		51.65	36.9		73.72	43.8		27.76	54.1		30.99	65.3
23		27.57	34.5		52.44	37.0		74.32	44.1		28.04	54.5		30.90	65.7
24		28.40	34.5		53.23	37.2		74.91	44.4		28.31	54.9		30.80	66.1
25		29.23	34.5		54.02	37.4		75.49	44.7		28.57	55.3		30.69	66.5
26		30.07	34.6		54.80	37.5		76.06	45.0		28.82	55.6		30.56	66.9
27		30.91	34.6		55.58	37.7		76.62	45.3		29.05	56.0		30.42	67.3
28		31.75	34.7		56.35	37.9		77.17	45.6		29.27	56.4		30.27	67.6
29		32.60	34.7		57.12	38.1		77.71	45.9		29.49	56.8		30.11	68.0
30		33.44	34.7		57.89	38.3		78.24	46.3		29.70	57.1		29.93	68.4
31		34.28	34.8		58.66	38.5		78.77	46.6		29.88	57.5		29.74	68.7
32					59.42	38.7		79.28	46.9					29.53	69.0

*True Apparent Places of the Pole Star for every day, and of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

Day of the Month.	NOVEMBER.		DECEMBER.		1844.	$\delta$ Ursæ Minoris.		$\alpha$ Andromedæ.	
	$\alpha$ Ursæ Minoris. (Polaris.)		$\alpha$ Ursæ Minoris. (Polaris.)			Right Asc.	Dec. North.	Right Asc.	Dec. North.
	Right Asc.	Dec. North.	Right Asc.	Dec. North.					
	h. 1	° 88	h. 1	° 88		h. 18	° 86	h. m. 0 0	° 28
1844.	m. sec.	" "	m. sec.	" "	m. sec.	" "	sec.	" "	
1	4 29.53	29 9.0	3 77.85	29 18.4	Jan. 1	22 9.96	35 38.8	20.98	13 60.6
2	29.32	9.4	77.29	18.7	11	10.12	35.5	20.84	59.6
3	29.09	9.7	76.72	19.0	21	10.96	32.3	20.71	58.4
4	28.86	10.1	76.14	19.2	31	12.49	29.4	20.60	57.0
5	28.62	10 5	75.55	19.5	Feb. 10	14.63	26.8	20.50	55.4
6	28.36	10.8	74.94	19.8	20	17.31	24.6	20.43	53.8
7	28.08	11.2	74.32	20.0	Mar. 2	20.74	22 8	20.39	52.2
8	27.78	11.5	73.70	20.3	12	24 17	21.9	20.39	50.6
9	27.47	11.8	73.07	20.4	22	27.75	21.4	20.43	49.2
10	27.16	12.2	72.43	20.6	April 1	31.32	21.7	20.52	48.0
11	26.84	12.5	71.79	20.8	11	34.76	22.5	20.67	47.2
12	26.50	12.8	71.13	21.0	21	37.96	24.1	20.85	46.7
13	26.15	13.2	70.46	21.2	May 1	40.79	26.0	21.07	46.6
14	25.79	13.5	69.79	21.4	11	43.19	28.4	21.33	46.9
15	25.42	13.8	69.11	21.6	21	45.04	31.2	21.63	47.5
16	25.03	14.1	68.43	21.8	31	46.31	34.2	21.95	48.5
17	24.62	14.4	67.74	22.0	June 10	46.97	37.5	22.28	49.9
18	24.20	14.7	67.04	22.2	20	46.98	40.8	22.63	51.6
19	23.78	15.1	66.33	22.4	30	46.38	44.0	22.97	53.6
20	23.35	15.4	65.62	22.5	July 10	45.15	47.2	23.30	55.9
21	22.90	15.7	64.90	22.7	20	43 34	50.3	23.61	58.2
22	22.44	16.0	64.17	22.8	30	40.98	53.1	23.90	60.6
23	21.99	16.3	63.44	22.9	Aug. 9	38.15	55.7	24.16	63.1
24	21.51	16.6	62.69	23.0	19	34.88	57.8	24.39	65.6
25	21.02	16.8	61 94	23.2	29	31.25	59.5	24.56	68.0
26	20.53	17.1	61.19	23.3	Sept. 8	27.35	36 0.9	24.69	70.4
27	20.02	17.4	60.44	23.4	18	23.25	1.8	24 79	72.6
28	19.49	17.7	59.68	23.5	28	19.04	2.2	24.85	74.5
29	18.95	18.0	58.92	23.6	Oct. 8	14.91	2.1	24.87	76.3
30	18 40	18.2	58 16	23.7	18	10.66	1.6	24.85	77.9
31	17.85	18.4	57.39	23.8	28	6.68	0.5	24.81	79.1
32			56.61	23.9	Nov. 7	2.98	58.9	24.74	80.1
					17	59.66	56.9	24.64	80.8
					27	56.82	54.5	24.53	81.2
					Dec. 7	54.54	51.7	24.41	81.3
					17	52.97	48.6	24.27	81.0
					27	51.87	45.0	24.13	80.4
					37			23.99	79.6

*True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

	$\beta$ Ceti.		$\alpha$ Arietis.		$\alpha$ Ceti.		$\alpha$ Tauri. (Aldebaran.)		$\alpha$ Aurigæ. (Capella.)	
	Right Asc.	Dec. South.	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. North.
	h. m. 0 35 sec.	° 18	h. m. 1 58 sec.	° 22	h. m. 2 54 sec.	° 3	h. m. 4 26 sec.	° 16	h. m. 5 5 sec.	° 45
1844.										
Jan. 1	46.30	50 40.0	25.19	43 30.2	9.70	28 29.9	60.98	11 28.4	13.87	49 61.8
11	46.18	40.4	25.07	29.8	9.60	29.1	60.95	28.1	13.85	63.1
21	46.06	40.6	24.94	29.2	9.49	28.4	60.87	27.7	13.78	64.2
31	45.93	40.6	24.79	28.5	9.36	27.8	60.76	27.4	13.65	65.1
Feb. 10	45.83	40.3	24.64	27.7	9.21	27.2	60.63	27.1	13.48	65.8
20	45.74	39.7	24.50	26.8	9.06	26.8	60.47	26.7	13.26	66.2
Mar. 1	45.68	38.8	24.37	25.8	8.91	26.5	60.29	26.4	13.02	66.3
11	45.64	37.7	24.26	24.8	8.77	26.3	60.12	26.0	12.77	66.2
21	45.64	36.3	24.18	23.9	8.66	26.3	59.95	25.7	12.51	65.7
31	45.69	34.6	24.14	23.0	8.57	26.4	59.80	25.4	12.28	64.9
Apr. 10	45.77	32.7	24.15	22.3	8.52	26.8	59.68	25.1	12.08	63.9
20	45.90	30.7	24.20	21.8	8.51	27.3	59.60	25.0	11.92	62.7
30	46.06	28.5	24.32	21.6	8.55	28.1	59.55	24.9	11.81	61.4
May 10	46.27	26.2	24.47	21.6	8.64	29.2	59.55	25.0	11.76	60.0
20	46.51	23.9	24.67	21.9	8.77	30.4	59.60	25.2	11.77	58.5
30	46.78	21.5	24.91	22.5	8.94	31.7	59.70	25.5	11.84	57.1
Jun. 9	47.07	19.2	25.18	23.3	9.15	33.2	59.85	26.0	11.99	55.6
19	47.38	17.0	25.48	24.3	9.39	34.8	60.03	26.7	12.18	54.4
29	47.71	15.0	25.80	25.6	9.66	36.5	60.25	27.4	12.43	53.3
July 9	48.03	13.2	26.13	27.1	9.95	38.2	60.50	28.3	12.72	52.4
19	48.33	11.6	26.46	28.7	10.25	39.9	60.77	29.2	13.04	51.7
29	48.63	10.4	26.79	30.5	10.55	41.5	61.06	30.1	13.40	51.2
Aug. 8	48.90	9.5	27.10	32.2	10.85	43.0	61.36	31.0	13.78	50.9
18	49.14	8.9	27.40	34.0	11.14	44.3	61.67	31.9	14.17	50.8
28	49.35	8.7	27.67	35.9	11.42	45.4	61.97	32.7	14.59	50.9
Sept. 7	49.51	9.9	27.92	37.4	11.68	46.2	62.27	33.4	15.00	51.2
17	49.64	9.4	28.14	39.0	11.92	46.8	62.57	34.0	15.41	51.6
27	49.73	10.2	28.32	40.4	12.13	47.2	62.85	34.5	15.81	52.2
Oct. 7	49.78	11.2	28.47	41.7	12.32	47.3	63.12	34.8	16.20	53.0
17	49.80	12.4	28.59	42.8	12.49	47.1	63.37	34.9	16.57	53.9
27	49.78	13.7	28.68	43.8	12.62	46.8	63.59	34.9	16.92	54.9
Nov. 6	49.73	15.1	28.73	44.5	12.72	46.3	63.79	34.8	17.23	56.0
16	49.66	16.5	28.76	45.1	12.79	45.6	63.97	34.7	17.51	57.3
26	49.57	17.8	28.75	45.6	12.83	44.9	64.11	34.5	17.76	58.6
Dec. 6	49.46	19.0	28.71	45.8	12.84	44.0	64.22	34.2	17.95	60.0
16	49.34	20.0	28.65	45.8	12.82	43.2	64.29	33.8	18.09	61.4
26	49.21	20.9	28.56	45.7	12.77	42.3	64.32	33.5	18.16	62.8
36	49.08	21.5	28.44	45.4	12.68	41.5	64.30	33.2	18.18	64.2

*True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

	$\beta$ Orionis. (Rigel.)			$\beta$ Tauri.			$\delta$ Orionis.			$\alpha$ Orionis.			$\alpha$ Canis Majoris. (Sirius.)		
	Right Asc.		Dec. South.	Right Asc.		Dec. North.	Right Asc.		Dec. South.	Right Asc.		Dec. North.	Right Asc.		Dec. South.
	h. m. 5 7 sec.	° 16 18	° 16.0	h. m. 5 16 sec.	° 28 28	° 11.5	h. m. 5 24 sec.	° 0 0	° 12.6	h. m. 5 46 sec.	° 7 7	° 17.7	h. m. 6 38 sec.	° 16 16	° 28.8
1844.															
Jan. 1	4.86	23	16.0	28.92	28	11.5	4.70	25	12.6	46.16	22	17.7	18.89	30	28.8
11	4.85		17.6	28.93		11.8	4.71		13.9	46.20		16.8	18.95		31.2
21	4.79		19.0	28.89		12.1	4.68		15.1	46.18		16.0	18.96		33.4
31	4.70		20.2	28.81		12.4	4.60		16.1	46.13		15.3	18.93		35.4
Feb. 10	4.57		21.2	28.68		12.5	4.48		16.9	46.03		14.3	18.84		37.1
20	4.41		22.0	28.52		12.6	4.34		17.5	45.90		14.3	18.72		38.5
Mar. 1	4.24		22.5	28.34		12.6	4.18		18.0	45.74		14.0	18.57		39.6
11	4.06		22.7	28.14		12.4	4.00		18.3	45.57		13.7	18.39		40.4
21	3.88		22.7	27.95		12.1	3.92		18.4	45.39		13.6	18.20		40.9
31	3.71		22.4	27.76		11.7	3.66		18.3	45.22		13.6	18.01		41.0
Apr. 10	3.56		21.9	27.60		11.2	3.50		18.0	45.06		13.7	17.82		40.8
20	3.43		21.1	27.47		10.7	3.38		17.6	44.93		13.9	17.65		40.4
30	3.34		20.1	27.38		10.1	3.29		16.9	44.83		14.2	17.50		39.6
May 10	3.30		18.9	27.34		9.5	3.23		16.1	44.76		14.6	17.38		38.5
20	3.29		17.5	27.34		9.0	3.22		15.1	44.73		15.1	17.29		37.2
30	3.33		15.9	27.39		8.5	3.25		14.0	44.75		15.8	17.25		35.7
Jun. 9	3.42		14.0	27.49		8.1	3.32		12.8	44.80		16.5	17.24		34.0
19	3.55		12.2	27.66		7.8	3.45		11.3	44.91		17.5	17.27		32.1
29	3.71		10.3	27.85		7.7	3.60		9.9	45.05		18.4	17.34		30.2
July 9	3.90		8.5	28.08		7.6	3.79		8.4	45.23		19.3	17.45		27.9
19	4.12		6.7	28.34		7.6	4.00		7.0	45.43		20.3	17.59		26.0
29	4.37		5.0	28.62		7.8	4.24		5.7	45.66		21.2	17.77		24.1
Aug. 8	4.63		3.5	28.93		8.0	4.50		4.5	45.91		22.1	17.97		22.4
18	4.91		2.3	29.25		8.2	4.77		3.5	46.17		22.8	18.19		21.0
28	5.19		1.4	29.57		8.5	5.05		2.7	46.45		23.4	18.44		19.8
Sept. 7	5.48		0.9	29.90		8.8	5.33		2.1	46.74		23.8	18.70		19.0
17	5.77		0.6	30.23		9.1	5.62		1.9	47.03		24.0	18.98		18.6
27	6.04		0.7	30.56		9.4	5.90		1.9	47.32		23.9	19.26		18.6
Oct. 7	6.31		1.2	30.88		9.7	6.18		2.2	47.61		23.7	19.55		19.1
17	6.56		2.0	31.18		10.0	6.44		2.8	47.99		23.2	19.84		20.0
27	6.80		3.2	31.47		10.3	6.69		3.7	48.16		22.5	20.13		21.3
Nov. 6	7.02		4.6	31.74		10.5	6.92		4.8	48.41		21.6	20.40		23.0
16	7.21		6.2	31.98		10.8	7.13		6.1	48.64		20.7	20.66		25.0
26	7.37		8.0	32.19		11.1	7.31		7.5	48.85		19.6	20.90		27.3
Dec. 6	7.50		9.9	32.36		11.4	7.46		9.0	49.02		18.5	21.11		29.8
16	7.58		11.7	32.49		11.7	7.57		10.5	49.17		17.4	21.28		32.3
26	7.63		13.5	32.57		12.1	7.64		11.9	49.27		16.4	21.41		34.8
36	7.63		15.2	32.61		12.4	7.67		13.2	49.32		15.4	21.49		37.2



*True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

	$\alpha^2$ Geminorum. (Castor.)			$\alpha$ Canis Minoris. (Procyon.)			$\beta$ Geminorum. (Pollux.)			$\alpha$ Hydre.			$\alpha$ Leonis. (Regulus.)		
	Right Asc.		Dec. North.	Right Asc.		Dec. North.	Right Asc.		Dec. North.	Right Asc.		Dec. South.	Right Asc.		Dec. North.
	h. m.	sec.		h. m.	sec.		h. m.	sec.		h. m.	sec.		h. m.	sec.	
1844.	7	24	32	7	31	5	7	35	28	9	19	7	10	0	12
Jan. 1	41.30	13	19.6	10.37	36	08.1	48.56	23	42.5	57.37	59	12.4	5.65	43	25 6
11	41.45		20.0	10.50		64.8	48.72		42.6	57.59		14.7	5.92		24.2
21	41.55		20.6	10.58		63.6	48.82		42.9	57.77		16.9	6.15		23.1
31	41.58		21.2	10.61		62.8	48.86		43.3	57.90		18.9	6.33		22.2
Feb. 10	41.56		21.9	10.60		61.8	48.85		43.8	57.98		20.7	6.46		21.6
20	41.48		22.6	10.58		61.2	48.79		44.3	58.02		22.2	6.54		21.2
Mar. 1	41.36		23.3	10.43		60.7	48.66		44.9	58.00		23.5	6.57		21.1
11	41.21		23.9	10.30		60.4	48.53		45.5	57.95		24.6	6.56		21.2
21	41.02		24.4	10.14		60.2	48.36		46.0	57.86		25.4	6.51		21.5
31	40.82		24.8	9.98		60.2	48.18		46.3	57.75		25.9	6.43		21.9
Apr. 10	40.63		25.0	9.81		60.3	47.99		46.6	57.62		26.2	6.32		22.4
20	40.44		25.1	9.65		60.5	47.80		46.8	57.47		26.3	6.20		22.9
30	40.27		25.0	9.50		60.7	47.64		46.8	57.33		26.2	6.07		23.5
May 10	40.13		24.7	9.37		61.1	47.50		46.7	57.19		25.9	5.93		24.0
20	40.02		24.3	9.28		61.6	47.39		46.4	57.06		25.4	5.81		24.6
30	39.95		23.8	9.22		62.1	47.31		46.1	56.95		24.7	5.69		25.1
Jun. 9	39.92		23.2	9.19		62.7	47.28		45.7	56.86		23.9	5.59		25.5
19	39.94		22.5	9.19		63.4	47.28		45.2	56.78		22.9	5.50		25.9
29	40.00		21.7	9.23		64.1	47.33		44.7	56.73		21.9	5.43		26.2
July 9	40.11		20.9	9.31		64.8	47.41		44.1	56.71		20.8	5.39		26.4
19	40.25		20.0	9.42		65.5	47.54		43.4	56.71		19.6	5.37		26.5
29	40.42		19.2	9.56		66.2	47.70		42.7	56.74		18.4	5.36		26 5
Aug. 8	40.63		18.4	9.73		66.7	47.99		42.1	56.80		17.3	5.40		26.4
18	40.87		17.5	9.92		67.2	48.11		41.3	56.89		16.3	5.46		26.1
28	41.13		16.7	10.14		67.5	48.35		40.6	57.01		15.5	5.55		25 6
Sept. 7	41.42		15.8	10.37		67.5	48.61		39.8	57.16		14.9	5.66		25.0
17	41.72		14.9	10.62		67.4	48.90		38.9	57.33		14.5	5.81		24.2
27	42.05		14.1	10.89		67.0	49.20		38.0	57.53		14.5	5.98		23.2
Oct. 7	42.38		13.2	11.18		66.4	49.52		37.1	57.77		14.8	6.19		21.9
17	42.73		12.4	11.47		65.5	49.85		36.2	58.03		15.4	6.43		20.5
27	43.08		11.6	11.77		64.4	50.19		35.3	58.31		16.4	6.70		18.9
Nov. 6	43.43		10.9	12.07		63.2	50.53		34.4	58.61		17.8	6.99		17.2
16	43.77		10.4	12.36		61.7	50.86		33.7	58.92		19.5	7.30		15.4
26	44.10		10.0	12.64		60.2	51.18		33.0	59.23		21.4	7.63		13.5
Dec. 6	44.40		9.7	12.90		58.6	51.48		32.5	59.54		23.5	7.95		11.6
16	44.67		9.6	13.13		57.1	51.75		32.1	59.84		25.7	8.28		9.8
26	44.99		9.7	13.32		55.6	51.98		31.9	60.11		28.0	8.58		8.2
36	45.06		10.0	13.47		54.2	52.16		32.0	60.35		30.3	8.96		6.6

*True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

	$\alpha$ Ursæ Majoris.		$\beta$ Leonis.		$\alpha$ Virginis. (Spica.)		$\alpha$ Bootis. (Arcturus.)		$\alpha^2$ Libræ.	
	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. South.	Right Asc.	Dec. North.	Right Asc.	Dec. South.
	h. m. 10 54	° 62	h. m. 11 41	° 15	h. m. 13 16	° 10	h. m. 14 8	° 19	h. m. 14 42	° 15
1844.	sec.		sec.		sec.		sec.		sec.	
Jan. 1	5.58	34 66.3	7.34	26 24.2	59.83	20 47.5	33.31	59 36.6	16.02	23 24.0
11	6.11	66.7	7.66	22.5	60.16	49.5	33.63	34.4	16.35	25.6
21	6.59	67.6	7.96	21.1	60.49	51.5	33.96	32.5	16.68	27.1
31	6.99	69.0	8.22	20.0	60.80	53.5	34.28	30.9	17.02	28.7
Feb. 10	7.31	70.9	8.44	19.3	61.08	55.3	34.59	29.8	17.34	30.3
20	7.54	73.1	8.62	18.9	61.33	56.9	34.88	29.1	17.64	31.8
Mar. 1	7.67	75.5	8.75	18.9	61.55	58.4	35.14	28.9	17.92	33.1
11	7.71	78.1	8.84	19.1	61.74	59.6	35.36	29.1	18.18	34.3
21	7.65	80.8	8.89	19.6	61.89	60.6	35.55	29.6	18.41	35.2
31	7.51	83.3	8.90	20.3	62.00	61.3	35.71	30.5	18.61	36.0
Apr. 10	7.30	85.7	8.88	21.1	62.08	61.9	35.83	31.8	18.78	36.7
20	7.04	87.8	8.82	22.0	62.13	62.2	35.92	33.2	18.92	37.1
30	6.73	89.5	8.75	23.0	62.15	62.4	35.97	34.8	19.03	37.4
May 10	6.38	90.9	8.66	24.0	62.15	62.4	35.99	36.4	19.11	37.6
20	6.03	91.8	8.56	24.9	62.13	62.2	35.99	38.1	19.17	37.7
30	5.67	92.2	8.45	25.8	62.08	62.0	35.96	39.7	19.19	37.6
Jun. 9	5.32	92.1	8.34	26.5	62.02	61.6	35.90	41.2	19.19	37.4
19	4.99	91.6	8.23	27.1	61.94	61.2	35.82	42.5	19.16	37.2
29	4.70	90.6	8.12	27.6	61.85	60.6	35.72	43.7	19.10	36.9
July 9	4.44	89.1	8.02	27.9	61.74	60.0	35.60	44.6	19.02	36.5
19	4.22	87.3	7.93	28.1	61.63	59.4	35.47	45.3	18.92	36.0
29	4.05	85.1	7.85	28.1	61.52	58.7	35.33	45.8	18.80	35.5
Aug. 8	3.93	92.5	7.79	27.9	61.40	58.0	35.18	45.9	18.67	35.0
18	3.87	79.7	7.74	27.5	61.29	57.3	35.03	45.8	18.52	34.4
28	3.87	76.7	7.72	26.8	61.20	56.7	34.89	45.4	18.38	33.8
Sept. 7	$\sigma$ 3.95	73.2	$\sigma$ 7.73	26.0	61.12	56.1	34.76	44.6	18.24	33.2
17	4.00	69.9	7.77	24.8	61.06	55.7	34.65	43.6	18.12	32.7
27	4.29	66.6	7.85	23.5	61.04	55.4	34.56	42.3	18.02	32.2
Oct. 7	4.56	63.4	7.96	22.0	61.06	55.3	34.51	40.7	17.96	31.8
17	4.90	60.2	8.11	20.3	61.12	55.5	$\sigma$ 34.50	38.9	17.93	31.6
27	5.31	57.2	8.30	18.4	61.23	55.9	34.54	36.5	17.95	31.5
Nov. 6	5.77	54.4	8.53	16.3	61.39	56.6	34.62	34.2	$\sigma$ 18.03	31.7
16	6.28	52.0	8.80	14.2	61.59	57.6	34.76	31.6	18.16	32.1
26	6.84	50.0	9.09	11.9	61.83	58.8	34.94	29.0	18.33	32.8
Dec. 6	7.42	48.4	9.41	9.7	62.11	60.3	35.17	26.3	18.55	33.7
16	8.01	47.4	9.74	7.6	62.41	62.0	35.43	23.7	18.81	34.8
26	8.59	46.9	10.07	5.6	62.73	63.9	35.72	21.1	19.10	36.1
36	9.14	47.0	10.40	3.8	63.06	65.9	36.01	18.8	19.42	37.5

*True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

	$\beta$ Ursa Minoris.		$\beta$ Libræ.		$\alpha$ Coronæ Borealis.		$\alpha$ Serpentis.		$\beta^1$ Scorpionis.	
	Right Asc.	Dec. North.	Right Asc.	Dec. South.	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. South.
	h. m. 14 51 sec.	° 74 "	h. m. 15 3 sec.	° 8 "	h. m. 15 28 sec.	° 27 "	h. m. 15 36 sec.	° 6 "	h. m. 15 56 sec.	° 19 "
1844.										
Jan. 1	10.60	47 13.9	37.50	48 13.9	4.87	14 24.3	35.30	54 67.6	22.69	22 19.3
11	11.36	11.7	37.80	15.5	5.16	21.8	35.58	65.6	22.98	20.3
21	12.19	10.0	38.12	17.1	5.43	19.5	35.87	63.7	23.30	21.3
31	13.07	9.0	38.44	18.6	5.80	17.7	36.18	62.0	23.63	22.4
Feb. 10	13.95	8.6	38.76	20.1	6.13	16.4	36.49	60.6	23.96	23.5
20	14.81	8.9	39.07	21.3	6.45	15.5	36.79	59.5	24.29	24.5
Mar. 1	15.62	9.9	39.35	22.4	6.76	15.2	37.08	58.8	24.60	25.5
11	16.35	11.5	39.62	23.3	7.04	15.4	37.35	58.4	24.90	26.4
21	16.98	13.6	39.86	23.9	7.30	16.0	37.61	58.4	25.18	27.1
31	17.48	16.1	40.07	24.3	7.54	17.1	37.84	58.7	25.45	27.7
Apr. 10	17.85	19.0	40.26	24.5	7.74	18.7	38.04	59.4	25.68	28.2
20	18.08	22.2	40.42	24.5	7.90	20.5	38.21	60.3	25.90	28.6
30	18.16	25.4	40.55	24.3	8.04	22.6	38.36	61.4	26.09	28.9
May 10	18.10	28.6	40.66	24.0	8.14	24.8	38.49	62.6	26.25	29.1
20	17.91	31.7	40.73	23.6	8.20	27.1	38.57	64.0	26.38	29.2
30	17.58	34.6	40.78	23.2	8.23	29.4	38.63	65.4	26.48	29.2
Jun. 9	17.14	37.1	40.79	22.6	8.23	31.6	38.66	66.8	26.54	29.3
19	16.60	39.3	40.78	22.1	8.20	33.7	38.66	68.1	26.57	29.1
29	15.97	41.1	40.74	21.5	8.13	35.6	38.63	69.4	26.57	29.0
July 9	15.27	42.4	40.68	20.9	8.03	37.2	38.57	70.5	26.53	28.9
19	14.51	43.2	40.59	20.4	7.90	38.6	38.49	71.5	26.46	28.6
29	13.71	43.5	40.47	19.8	7.75	39.6	38.37	72.4	26.36	28.4
Aug. 8	12.90	43.2	40.34	19.3	7.58	40.3	38.23	73.0	26.23	28.0
18	12.09	42.4	40.20	18.8	7.40	40.6	38.09	73.5	26.08	27.7
28	11.29	41.1	40.05	18.4	7.21	40.6	37.93	73.9	25.92	27.3
Sept. 7	10.54	39.4	39.91	18.0	7.02	40.2	37.77	73.9	25.76	26.8
17	9.84	37.1	39.77	17.7	6.84	39.4	37.62	73.9	25.59	26.3
27	9.22	34.5	39.66	17.5	6.68	38.3	37.48	73.4	25.45	25.9
Oct. 7	8.69	31.5	39.57	17.5	6.54	36.8	37.36	72.8	25.32	25.4
17	8.27	28.1	39.62	17.6	6.44	35.0	37.28	71.9	25.23	25.0
27	7.99	24.6	39.51	17.9	6.38	32.9	37.24	70.8	25.18	24.7
Nov. 6	7.84	20.5	39.56	18.4	6.37	30.5	37.24	69.4	25.17	24.5
16	7.86	16.7	39.65	19.2	6.42	27.6	37.30	67.7	25.22	24.5
26	8.03	13.0	39.80	20.2	6.52	24.8	37.40	65.9	25.34	24.7
Dec. 6	8.36	9.4	39.99	21.3	6.67	21.9	37.56	63.9	25.49	25.0
16	8.83	6.1	40.22	22.6	6.87	19.0	37.75	61.9	25.69	25.6
26	9.43	3.1	40.48	24.1	7.11	16.1	37.99	59.8	25.94	26.3
36	10.14	0.6	40.78	25.7	7.39	13.5	38.25	57.7	26.22	27.1

*True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

	$\alpha$ Scorpionis. (Antares.)		$\alpha$ Ophiuchi.		$\alpha$ Lyrae. (Vega.)		$\delta$ Aquilæ.		$\alpha$ Aquilæ. (Altair.)	
	Right Asc.	Dec. South.	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. North.	Right Asc.	Dec. North.
	h. m. 16 19 sec.	° 26	h. m. 17 27 sec.	° 12	h. m. 18 31 sec.	° 38	h. m. 19 17 sec.	° 2	h. m. 19 43 sec.	° 8
1844.										
Jan. 1	51.17	4 45.1	41.34	40 40.6	38.31	38 29.8	37.57	48 32.5	9.99	27 40.3
11	51.47	45.6	41.54	38.5	38.42	26.7	37.68	31.0	10.06	38.7
21	51.78	46.2	41.76	36.5	38.59	23.8	37.51	29.7	10.17	37.0
31	52.12	46.9	42.02	34.7	38.80	21.1	37.97	28.5	10.31	35.5
Feb. 10	52.46	47.7	42.29	33.1	39.04	18.7	38.17	27.5	10.48	34.2
20	52.80	48.6	42.57	31.9	39.32	16.7	38.39	26.7	10.68	33.2
Mar. 1	53.13	49.4	42.86	31.1	39.62	15.2	38.63	26.1	10.90	32.4
11	53.46	50.2	43.16	30.7	39.94	14.2	38.88	25.8	11.14	31.9
21	53.77	50.9	43.45	30.7	40.28	13.8	39.16	25.8	11.40	31.8
31	54.06	51.6	43.73	31.1	40.61	14.1	39.44	26.2	11.68	32.1
Apr. 10	54.33	52.2	44.00	31.9	40.95	14.9	39.73	26.9	11.97	32.7
20	54.57	52.8	44.25	33.1	41.27	16.3	40.02	27.9	12.26	33.7
30	54.80	53.3	44.49	34.5	41.58	18.1	40.31	29.1	12.56	35.0
May 10	54.99	53.8	44.70	36.2	41.86	20.4	40.59	30.6	12.85	36.6
20	55.15	54.2	44.99	38.1	42.12	23.0	40.86	32.2	13.13	38.4
30	55.28	54.5	45.05	40.1	42.34	25.9	41.11	34.0	13.39	40.3
Jun. 9	55.37	54.9	45.18	42.1	42.52	29.0	41.33	35.8	13.63	42.4
19	55.43	55.1	45.27	44.1	42.65	32.1	41.52	37.6	13.84	44.5
29	55.44	55.3	45.32	46.0	42.74	35.2	41.68	39.4	14.02	46.6
July 9	55.42	55.5	45.33	47.9	42.78	38.3	41.80	41.1	14.16	48.7
19	55.36	55.6	45.31	49.5	42.77	41.2	41.88	42.6	14.26	50.6
29	55.27	55.6	45.24	51.0	42.71	43.9	41.92	44.0	14.32	52.4
Aug. 8	55.14	55.5	45.14	52.2	42.60	46.3	41.91	45.3	14.33	54.0
18	54.99	55.4	45.01	53.2	42.45	48.3	41.86	46.3	14.30	55.4
28	54.82	55.1	44.86	54.0	42.26	50.0	41.77	47.2	14.22	56.6
Sept. 7	54.64	54.7	44.68	54.5	42.04	51.3	41.65	47.9	14.12	57.5
17	54.46	54.2	44.50	54.7	41.79	52.2	41.50	48.3	13.98	58.2
27	54.30	53.6	44.31	54.6	41.54	52.7	41.34	48.6	13.82	58.7
Oct. 7	54.15	53.0	44.14	54.3	41.28	52.7	41.16	48.6	13.65	58.9
17	54.04	52.4	43.98	53.6	41.03	52.2	40.99	48.5	13.48	59.8
27	53.96	51.8	43.84	52.7	40.79	51.2	40.83	48.1	13.31	59.5
Nov. 6	53.83	51.2	43.74	51.5	40.58	49.8	40.68	47.6	13.15	58.0
16	53.96	50.7	43.69	50.0	40.42	47.9	40.56	46.9	13.02	57.2
26	54.05	50.4	43.67	48.3	40.29	45.7	40.48	46.0	12.92	56.2
Dec. 6	54.19	50.2	43.71	46.4	40.22	43.2	40.43	44.9	12.85	55.0
16	54.38	50.3	43.80	44.1	40.19	40.3	40.42	43.8	12.81	53.7
26	54.62	50.5	43.93	42.0	40.23	37.3	40.45	42.5	12.82	52.2
36	54.80	50.9	44.11	39.8	40.32	34.0	40.52	41.1	12.86	50.6

*True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.*

Epoch.—The Upper Culmination at Greenwich.

	$\alpha$ Cygni.			$\alpha$ Cephei.			$\alpha$ Aquarii.			$\alpha$ Pisc. Australis. (Fomalhaut.)			$\alpha$ Pegasi. (Markab.)		
	Right Asc.		Dec. North.	Right Asc.		Dec. North.	Right Asc.		Dec. South.	Right Asc.		Dec. South.	Right Asc.		Dec. North.
	h. m.	sec.	°	h. m.	sec.	°	h. m.	sec.	°	h. m.	sec.	°	h. m.	sec.	°
1844.	20 36		44	21 14		61	21 57		1	22 49		30	22 56		14
Jan. 1	6.02	43	43.4	49.45	55	50.5	46.40	4	26.4	1.31	26	53.6	60.11	22	11.8
11	5.97		40.6	49.25		47.9	46.36		27.2	1.21		53.2	60.02		10.7
21	5.97		37.8	49.12		44.9	46.34		27.9	1.14		52.5	59.95		9.5
31	6.03		34.5	49.06		41.8	46.35		28.5	1.09		51.5	59.90		8.2
Feb. 10	6.14		31.7	49.09		38.3	46.39		29.0	1.08		50.3	59.87		7.0
20	6.29		29.1	49.21		35.2	46.46		29.4	1.09		48.3	59.87		5.8
Mar. 1	6.50		26.7	49.40		32.3	46.57		29.6	1.14		47.2	59.91		4.8
11	6.74		24.8	49.67		29.8	46.70		29.5	1.24		45.2	59.99		3.9
21	7.03		23.4	50.02		27.6	46.87		29.2	1.37		43.1	60.10		3.3
31	7.35		22.5	50.42		26.0	47.06		28.6	1.54		40.9	60.24		3.1
Apr. 10	7.69		22.2	50.87		24.9	47.29		27.7	1.74		38.7	60.43		3.1
20	8.05		22.5	51.36		24.4	47.54		26.6	1.97		36.4	60.65		3.6
30	8.43		23.4	51.83		24.6	47.92		25.2	2.25		34.1	60.90		4.4
May 10	8.80		24.8	52.40		25.4	48.11		23.6	2.56		31.9	61.18		5.5
20	9.16		26.7	52.92		26.7	48.41		21.9	2.88		29.8	61.48		6.9
30	9.51		29.1	53.42		28.6	48.72		20.0	3.22		27.8	61.79		8.6
Jun. 9	9.83		31.8	53.89		31.0	49.03		18.0	3.56		26.0	62.11		10.6
19	10.11		34.8	54.31		33.8	49.32		16.0	3.91		24.4	62.42		12.7
29	10.35		38.0	54.67		36.9	49.60		14.1	4.24		23.2	62.72		14.9
July 9	10.54		41.3	54.97		40.3	49.85		12.2	4.50		22.3	63.01		17.2
19	10.68		44.7	55.20		43.9	50.07		10.5	4.85		21.7	63.27		19.6
29	10.76		48.1	55.34		47.5	50.25		9.0	5.10		21.4	63.50		21.8
Aug. 8	10.79		51.3	55.41		51.2	50.39		7.6	5.31		21.5	63.69		24.0
18	10.75		54.4	55.39		54.8	50.49		6.4	5.47		21.9	63.84		26.0
28	10.67		57.3	55.30		58.3	50.54		5.5	5.59		22.6	63.95		27.9
Sept. 7	10.53		59.8	55.14		61.5	50.55		4.8	5.68		23.6	64.02		29.5
17	10.36		62.1	54.90		64.5	50.53		4.3	5.68		24.8	64.04		31.0
27	10.14		63.9	54.61		67.1	50.46		4.0	5.65		26.1	64.03		32.1
Oct. 7	9.90		65.3	54.27		69.3	50.37		3.9	5.58		27.5	63.99		33.1
17	9.65		66.2	53.90		71.1	50.26		4.0	5.48		23.9	63.92		33.8
27	9.38		66.7	53.49		72.3	50.13		4.2	5.36		30.2	63.82		34.2
Nov. 6	9.12		66.6	53.08		73.1	49.99		4.6	5.21		31.4	63.71		34.4
16	8.87		66.1	52.66		73.2	49.85		5.1	5.05		32.5	63.59		34.3
26	8.65		65.0	52.25		72.8	49.72		5.6	4.89		33.3	63.46		34.1
Dec. 6	8.45		63.5	51.87		71.9	49.60		6.3	4.74		33.9	63.33		33.5
16	8.25		61.6	51.53		70.3	49.50		7.0	4.59		34.3	63.21		32.8
26	8.16		59.2	51.24		68.3	49.42		7.8	4.46		34.3	63.10		31.9
36	8.09		56.6	51.00		65.6	49.36		8.5	4.34		34.0	62.99		30.8

*Dr. Young's Refractions, the Barometer being at 30 inches, and the internal Thermometer at 50, or the external at 47, degrees; with the corrections for + one inch in the barometer, and for — one degree in the thermometer of Fahrenheit. From page 19 of Vol. 1st of Pearson's Practical Astronomy.*

App. Alt.	Refr. B. 30	Th. 50°	Diff. for +1 B.	Diff. for —1° Fa.	App. Alt.	Refr. B. 30	Th. 50°	Diff. for +1 B.	Diff. for —1° Fa.	App. Alt.	Refr. B. 30	Th. 50°	Diff. for +1 B.	Diff. for —1° Fa.	App. Alt.	Refr. B. 30	Th. 50°	Diff. for +1 B.	Diff. for —1° Fa.
0. 0	33.51	74	8,1		3. 0	14.35	30	2,3		8. 0	06.35	13,3	,55		14. 0	3.49,9	7,70	,469	
	532.53	71	7,6			514.19	29	2,2			106.23	13,1	,33			103.47,1	7,61	,464	
10	31.58	69	7,3			1014.42	29	2,2			206.21	12,8	,92			203.44,4	7,52	,458	
15	31.5	67	7,0			1513.50	28	2,1			306.14	12,6	,80			303.41,8	7,43	,453	
20	30.13	65	6,7			2013.35	28	2,1			406.7	12,3	,79			403.39,2	7,34	,448	
25	29.24	63	6,4			2513.21	27	2,0			506.0	12,1	,77			503.36,7	7,26	,444	
30	28.37	61	6,1			3013.727	27	2,0		9. 0	5.54	11,9	,76		15. 0	3.34,3	7,18	,439	
35	27.51	59	5,9			3512.53	26	2,0			105.47	11,7	,74			303.27,3	6,95	,424	
40	27.6	58	5,6			4012.41	26	1,9			205.41	11,5	,73			16. 0	3.20,6	6,73	,411
45	26.24	56	5,4			4512.28	25	1,9			305.36	11,3	,72			303.14,4	6,51	,399	
50	25.43	55	5,1			5012.16	25	1,9			405.30	11,1	,71			17. 0	3.8,5	6,31	,386
55	25.3	53	4,9			5512.325	25	1,8			505.25	11,0	,70			303.2,9	6,12	,374	
1. 0	24.25	52	4,7		4. 0	11.52	24,1	1,70		10. 0	5.20	10,8	,69		18. 0	2.57,6	5,94	,362	
	523.43	50	4,6			1011.30	23,4	1,64			105.15	10,6	,67			19	2.47,7	5,61	,340
10	23.13	49	4,5			2011.10	22,7	1,58			205.10	10,4	,65			20	2.38,7	5,31	,322
15	22.40	48	4,4			3010.50	22,0	1,53			305.5	10,2	,64			21	2.30,5	5,04	,305
20	22.8	46	4,2			4010.32	21,3	1,48			405.0	10,1	,63			22	2.23,2	4,79	,290
25	21.37	45	4,0			5010.15	20,7	1,43			504.56	9,9	,62			23	2.16,5	4,57	,276
30	21.7	44	3,9		5. 0	9.53	20,1	1,33		11. 0	4.51	9,8	,60		24	2.10,1	4,35	,264	
35	20.33	43	3,8			109.42	19,6	1,34			104.47	9,6	,59			25	2.4,2	4,16	,252
40	20.10	42	3,6			209.27	19,1	1,30			204.43	9,5	,58			26	1.58,8	3,97	,241
45	19.48	40	3,5			309.11	18,6	1,26			304.39	9,4	,57			27	1.53,8	3,81	,230
50	19.17	39	3,4			408.58	18,1	1,22			404.35	9,2	,56			28	1.49,1	3,65	,219
55	18.52	39	3,3			508.45	17,6	1,19			504.31	9,1	,55			29	1.44,7	3,50	,209
2. 0	18.29	38	3,2		6. 0	8.32	17,2	1,15		12. 0	4.28,1	9,00	,556		30	1.40,5	3,36	,201	
	518.5	37	3,1			108.20	16,8	1,11			104.24,4	8,86	,548			31	1.36,6	3,23	,193
10	17.43	36	3,0			208.9	16,4	1,09			204.20,8	8,74	,541			32	1.33,0	3,11	,196
15	17.21	36	2,9			307.58	16,0	1,06			304.17,8	8,63	,533			33	1.29,5	2,99	,179
20	17.0	35	2,8			407.47	15,7	1,03			404.13,9	8,51	,524			34	1.26,1	2,88	,173
25	16.40	34	2,8			507.37	15,3	1,00			504.10,7	8,41	,517			35	1.23,0	2,78	,167
30	16.21	33	2,7		7. 0	7.27	15,0	,98		13. 0	4.7,5	8,30	,509		36	1.20,0	2,68	,161	
35	16.2	33	2,7			107.17	14,6	,95			104.4	8,20	,503			37	1.17,1	2,58	,155
40	15.43	32	2,6			207.8	14,3	,93			204.1	8,10	,496			38	1.14,4	2,49	,149
45	15.25	32	2,5			306.59	14,1	,91			303.58,4	8,00	,490			39	1.11,8	2,40	,144
50	15.8	31	2,4			406.51	13,8	,89			403.55,5	7,89	,482			40	1.9,3	2,32	,139
55	14.51	30	2,3			506.43	13,5	,87			503.52,6	7,79	,476			41	1.6,9	2,24	,134

*The Table of Refractions, continued.*

App. Alt.	Refr. B. 30°	Th. 50°	Diff. for +1 B.	Diff. for -1° Fa.	App. Alt.	Refr. B. 30°	Th. 50°	Diff. for +1 B.	Diff. for -1° Fa.	App. Alt.	Refr. B. 30°	Th. 50°	Diff. for +1 B.	Diff. for -1° Fa.	App. Alt.	Refr. B. 30°	Th. 50°	Diff. for +1 B.	Diff. for -1° Fa.
42	1.46	2.16	130		55	40.8	1.36	.032		67	24.7	.83	.050		79	11.2	.38	.023	
43	1.24	2.09	125		56	39.3	1.31	.079		68	23.5	.79	.047		80	10.2	.34	.021	
44	1.03	2.02	120		57	37.8	1.26	.076		69	22.4	.75	.045		81	9.2	.31	.019	
45	58.1	1.95	116		58	36.4	1.22	.073		70	21.2	.71	.043		82	8.2	.27	.016	
46	56.1	1.88	112		59	35.0	1.17	.070		71	19.9	.67	.040		83	7.1	.24	.014	
47	54.2	1.81	108		60	33.6	1.12	.067		72	18.9	.63	.038		84	6.1	.20	.012	
48	52.3	1.75	104		61	32.3	1.08	.065		73	17.7	.59	.036		85	5.1	.17	.010	
49	50.5	1.69	101		62	31.0	1.04	.062		74	16.6	.56	.033		86	4.1	.14	.008	
50	48.8	1.63	097		63	29.7	.99	.060		75	15.5	.52	.031		87	3.1	.10	.006	
51	47.1	1.58	094		64	28.4	.95	.057		76	14.4	.48	.029		88	2.0	.07	.004	
52	45.4	1.52	090		65	27.2	.91	.055		77	13.4	.45	.027		89	1.0	.03	.002	
53	43.8	1.47	088		66	25.9	.87	.052		78	12.3	.41	.025		90	0.0	.00	.000	
54	42.2	1.41	085		67	24.7	.83	.050		79	11.2	.38	.023						

The correction for an increase of altitude of one inch in the barometer, or for a depression of one degree in the thermometer, is to be *added* to the tabular refraction; but when the barometer is lower than 30 inches, or the thermometer higher than 47 degrees, the correction becomes *subtractive*.

When great accuracy is required, 0.003 inch should be deducted from the observed height of the barometer, for each degree that the thermometer near it is above 50 degrees, and the same quantity added for an equal depression.

*A Table of the Sun's Parallax in Altitude.*

Sun's Altit.	Sun's Horizontal Parallax.					Sun's Altit.	Sun's Horizontal Parallax.				
	"	"	"	"	"		"	"	"	"	"
0	8.4	8.5	8.6	8.7	8.8	45	5.94	6.01	6.08	6.15	6.22
5	8.40	8.50	8.60	8.70	8.80	50	5.40	5.46	5.53	5.59	5.66
10	8.37	8.47	8.57	8.67	8.77	55	4.82	4.88	4.93	4.99	5.05
15	8.27	8.37	8.47	8.57	8.67	60	4.20	4.25	4.30	4.35	4.40
20	8.11	8.21	8.31	8.40	8.50	65	3.55	3.59	3.63	3.68	3.72
25	7.89	7.99	8.08	8.18	8.27	70	2.87	2.91	2.94	2.98	3.01
30	7.61	7.70	7.79	7.88	7.96	75	2.17	2.20	2.23	2.25	2.28
35	7.28	7.36	7.45	7.53	7.62	80	1.46	1.48	1.49	1.51	1.53
40	6.88	6.96	7.04	7.13	7.21	85	0.73	0.74	0.75	0.76	0.77
45	6.44	6.51	6.59	6.66	6.74	90	0.00	0.00	0.00	0.00	0.00

Logarithm for converting Sidereal into Mean Solar Time + 9.9988126

“ “ “ Mean Solar into Sidereal Time + 0.0011874

A second of time, at the Equator, contains 1521 feet.

## II. METEOROLOGICAL INFORMATION.

### I. METEOROLOGICAL TABLES FOR CAMBRIDGE, MASS.

*Summary of the Meteorological Observations made at the Observatory of Harvard College. By W. Cranch Bond. North Lat. 42° 22'. Lon. West of Greenwich, 71° 07'. From May 1st, 1842, to May 1st, 1843.*

Month.	Monthly means of the Barometer, at the hours.						Monthly means of the External Thermometer, at the hours.				
	Sun- rise.	9 A. M.	3 P. M.	*	9 P. M.	Means for each month.	Sun- rise.	9 A.M.	3 P.M.	9 P.M.	Means for each mo.
1842.											
May,	29.985	29.899	29.830	.059	29.829	29.858	43.4	53.5	60.2	49.6	51.68
June,	29.928	29.945	29.907	.038	29.940	29.925	54.4	63.3	72.8	59.9	62.60
July,	29.976	29.971	29.929	.042	29.960	29.959	65.3	74.5	81.6	69.3	72.68
August,	30.059	30.066	30.032	.034	30.055	30.053	61.1	68.5	75.3	65.2	67.52
September,	29.971	29.990	29.923	.067	29.963	29.962	51.1	59.0	67.4	55.3	58.20
October,	29.967	29.989	29.952	.037	29.979	29.972	39.9	48.6	58.6	45.3	48.10
November,	29.987	29.985	29.924	.061	29.972	29.967	30.1	34.4	42.0	32.9	34.85
December,	29.933	29.956	29.923	.033	29.964	29.944	21.5	23.4	27.9	22.6	23.85
1843.											
January,	30.024	30.061	29.969	.092	29.932	29.996	24.9	28.3	35.5	29.7	29.60
February,	29.841	29.858	29.819	.039	29.853	29.850	11.7	14.2	24.3	16.5	16.47
March,	29.814	29.817	29.745	.072	29.798	29.793	18.5	26.4	33.4	24.6	25.72
April,	29.933	29.949	29.904	.045	29.932	29.929	38.1	43.5	50.7	41.6	43.48
Mean,	29.943	29.956	29.905	.052	29.934	29.934	38.3	44.8	52.5	42.7	44.57

### 2. WINDS AND CLOUDS.

Month.	Monthly means of the force of the Wind, 0-6, at the hours.						Monthly means of Clouds, 0-10, at the hours.					
	Sun- rise.	9 A. M.	3 P. M.	9 P. M.	Mean for each mo.		Sun- rise.	9 A. M.	3 P. M.	9 P. M.	Mean of each mo.	Am't of rain each mo.
1842.												
May,	0.7	0.8	1.3	0.9	0.92		4.7	5.2	6.2	5.0	5.27	2.326
June,	0.9	0.9	1.2	1.2	1.05		5.7	5.4	5.7	5.0	5.45	5.843
July,	1.4	1.2	1.5	1.2	1.32		5.3	5.2	4.7	3.4	4.65	1.415
August,	0.8	0.7	1.2	0.8	0.88		6.6	6.6	6.5	5.5	6.30	5.599
September,	1.2	1.2	1.5	0.8	1.18		4.6	4.9	5.2	3.6	4.58	3.343
October,	1.2	1.1	1.3	1.0	1.15		3.3	3.5	3.2	2.8	3.20	1.259
November,	1.2	1.3	1.4	1.3	1.30		4.2	4.3	5.1	3.9	4.37	4.142
December,	1.1	1.0	1.4	1.0	1.12		6.9	6.6	6.1	5.7	6.32	6.642
1843.												
January,	0.8	0.8	1.2	1.1	0.98		5.8	7.0	7.0	6.2	6.50	1.596
February,	1.2	1.1	1.3	1.2	1.20		4.8	4.3	6.0	5.9	5.25	5.643
March,	1.6	1.6	2.0	1.8	1.75		3.9	5.1	5.5	4.7	4.80	5.773
April,	1.3	1.3	1.5	1.0	1.27		6.4	6.3	6.4	6.7	6.45	4.168
Mean,	1.12	1.08	1.40	1.11	1.18		5.16	5.33	5.63	4.87	5.26	47.749



\* The figures in this column express the difference between the two preceding columns.

The greatest range of the barometer, in 24 hours, was on the 5th and 6th of February, =1.139 inches.

The barometer was

Lowest, February 6th, at sunrise=28.954,—attached thermometer, 59°

Highest, January 17th, at 9, P. M.,=30.768,— “ “ 56-

Extreme range during the year, 1.784.

The mean height of the barometric column, at the hours specified above, during the year, was 29.934; its cistern being 44 feet above the mean level of high water, Charles River, at Brighton Bridge.

Mean Tempera. at the hours mentioned	{ for the year,	44.57	
	{ of the Spring mo's.	40.29	
	{ Summer	67.60	M. of Sum. & Win. 45.45.
	{ Autumn	47.05	M. of Spr. & Aut. 43.67.
	Winter	23.31	

Mean of Summer's heat, at 3, P. M. 76.57

Maximum heat, July 30, + 94.0

Minimum “ Feb. 10th and 17th, - 7.0

Range of thermometer during the year, 101.0

The external thermometer, Fahrenheit's scale, has *entire exposure* on the north side of the building; the sun never shines directly upon it, and it suffers from reflected heat only occasionally at the 3, P. M. observation, and this probably to a small amount; it is fixed on a bracket projecting six inches from the wall, and is six feet above the surface of the ground. The barometric observations have been corrected for capillary action, and reduced to the temperature of 32° Fahrenheit, but not for elevation. The rain gauge is a cubical box of zinc, 10 inches by the side, and rests on the surface of the ground.

The hours of observation adopted in these tables, are those generally used by observers in England. The mode of notation for the winds and clouds also deserves notice. In the former case, 0 denotes a perfect calm, and 6 the greatest violence of the wind. In the latter case, 0 denotes a sky without any clouds, and 10 a sky completely overcast. As uniformity in these tables is very desirable, it is to be wished that this method should be adopted by observers throughout the country.

## II. METEOROLOGICAL TABLES FOR BATH, ME.

*Lat. 43° 54' N. Lon., 69° 48' W. By Mr. John Hayden.*

1841.	Weather.					Thermometer.										Prevailing Wind.								Rain on level.	
	Coldest day.	Warmest day.	Four days.	Cloudy days.	Rain.	Snow.	Greatest cold.	Day of month.	Greatest heat.	Day of month.	Range.	Mean Temp.				Northwest.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.		Calm.
												At sunrise.	At 2 P. M.	At sunset.	For the m.										
Jan.	5	7	18	3	3	7	-10	5	54	7	64	21.7	34.9	27.5	29.0	12		3		4		7		5	
Feb.	13	26	18	5	1	4	-5	13	44	26	49	15.7	29.5	22.5	22.6	14		3		4		5	2	3	
Mar.	5	20	22	4	3	2	0	17	59	20	50	27.5	38.8	31.7	32.7	16		4		1		10		1	
April.	13	29	17	1	11	1	24	12	62	29	38	35.9	45.3	40.1	40.4	9		10		3		7	1		
May.	3	28	21	0	10		35	3	75	27	40	45.8	60.1	51.2	52.4	4	1	5	1	3	2	10			
June.	9	29	22	3	5		48	1	90	27	42	59.0	75.0	62.7	65.6	4	2	2	1	6	1	11	2	1	1.34
July.	2	15	27	3	1		53	18	90	15	37	61.4	78.2	66.1	68.9	9			2	2	3	14			1.17
Aug.	24	4	25	1	5		50	24	93	4	43	58.8	80.9	67.9	69.1	2			2	4	4	15			1.50
Sept.	30	3	18	6	6		49	30	78	3	29	57.5	70.1	62.6	63.4	2	2	6		6	2	9	1	2	2.320
Oct.	28	12	20	8	3		23	28	69	12	46	44.1	54.3	46.3	48.2	9	1	9		2	1	7		2	1.25
Nov.	29	1	20	2	4	4	18	28	67	1	49	33.4	42.2	37.7	37.8	11	3	6	2	2	4	2		4	4.08
Dec.	23	4	20	3	5	3	2	23	49	4	51	24.5	33.9	30.3	29.6	7		4	2	2	1	7	5	3	4.71
			248	39	57	21	10		93		103	40.7	53.6	45.5	46.6	99	9	52	12	10	15	105	13	19	
1842.																									
Jan.	13	21	21	5	3	2	-9	6	49	21	58	17.8	34.9	26.4	26.4	6	2	1		1	1	9	5	6	1.89
Feb.	9	4	17	4	3	4	-2	9	55	4	57	24.3	36.0	32.7	31.0	7	1	3	1	2	4	6	2	2	2.418
Mar.	12	4	16	8	4	3	10	12	57	4	47	31.0	43.3	37.2	37.2	6	2	9	1			9			2.268
April.	1	22	21	4	5		15	1	73	22	58	37.5	50.7	43.4	43.9	7	4	0	3	5	0	6	3		2.267
May.	7	18	27	2	2		36	7	70	18	34	46.5	63.3	51.0	53.6	4	1	2		5	4	14	1		2.18
June.	11	17	21	2	7		36	12	80	26	44	53.3	69.4	59.6	60.1	6	1			8	5	7			1.3.73
July.	31	13	23	4	4		50	31	92	13	42	62.8	80.6	62.8	70.3	8				1		22			2.3.13

## III. METEOROLOGICAL TABLE FOR WORCESTER, MASS.

*Lat. 42° 15' 49" N.; elevation 483 feet; for the Year 1842.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<i>Barometer.</i>	inch	inch	inch.	inch.	inch.	inch	inch.	inch.	inch.	inch.	inch.	inch.	
Greatest height,	29.93	29.95	29.80	29.82	29.76	29.92	29.73	29.61	29.63	29.85	29.82	30.00	
Least height,	28.62	28.00	28.80	28.82	28.95	29.11	29.10	29.15	28.90	28.90	28.60	28.57	
Mean,	29.27	28.97	29.34	29.42	29.35	29.51	29.41	29.50	29.33	29.37	29.21	29.28	
<i>Thermometer.</i>													
Mean, sunrise,	24.48	28.57	35.60	39.33	45.83	52.36	64.51	61.96	51.70	41.80	33.03	23.32	
Mean, 2 P. M.,	33.77	37.42	43.16	52.40	60.71	67.90	79.09	75.35	64.76	59.22	40.43	28.19	
Mean, sunset,	32.60	35.71	42.45	49.03	55.80	66.40	62.71	70.83	62.93	56.90	39.93	28.38	
Monthly Mean,	25	30.50	41	56	56.50	60.50	70.50	67.50	53.50	50.05	39	22.50	
Fair days,	21	18	18	19	23	21	19	20	26	22	15	242	
Cloudy days,	10	10	13	11	11	7	10	12	10	5	8	123	
Rain fell,	4	8	6	13	14	12	8	17	10	7	6	2	107
Snow fell,	9	6	4	1	1	0	0	0	0	0	4	7	32
Halos of Moon,	2	1	1	0	0	0	0	0	0	0	0	0	4
Aur. Borealis,	2	3	0	4	0	2	0	0	0	0	1	0	12
Inches of Rain,	1.35	4.13	2.24	2.82	3.24	4.93	1.96	7.12	3.50	.83	3.36	5.30	40.78
do. of Snow,	5	3	4	0	0	0	0	0	0	0	2	26	40
<i>Days of</i>													
N. wind,	1	1	4	3		0	2	4	2	3		4	27
N. W. "	9	7	10	4	3	5	3	3	9	8	12	10	83
W. "	1	3	3	2	3	1	1	0	0	3	0	7	24
S. W. "	18	8	10	6	11	14	20	9	12	13	6	7	134
S. "	0	1	0	0	0	2	0	0	0	0	1	1	5
S. E. "	0	1	0	0	2	1	1	3	0	1	2	0	11
E. "	0	0	0	0	0	0	0	0	0	0	0	0	0
N. E. "	0	1	4	10	4	2	2	8	5	0	5	0	41

# IV. METEOROLOGICAL TABLES FOR NEWTOWN, BUCKS CO. PENN.

*Lat. 40° 15' N. Long. 74° 57' W.; being an Abstract from the Observations  
of Mr. L. H. Parsons.*

## 1. SUMMARY FOR THE YEAR ENDING JUNE 30, 1843.

1842-3.	Thermometer.							Barometer.						
	Mean.			Maximum.	Day of Mth.	Minimum.	Day of Mth.	Mean.			Maximum.	Day of Mth.	Minimum.	Day of Mth.
	7 A. M.	2 P. M.	9 P. M.					7 A. M.	2 P. M.	9 P. M.				
July,	69.31	78.20	67.18	88	27	57.4	31	30.093	30.013	30.073	30.32	21	29.79	31
August,	65.32	74.77	64.31	83	18	49.4	13	30.108	30.109	30.114	30.38	23	29.70	29
Sept.	56.10	69.04	55.93	87	12	37	29	30.073	30.051	30.079	30.28	26	29.66	13
Oct.	42.45	59.39	47.67	70.1	23	34	21	30.050	30.027	30.059	30.44	22	29.63	15
Nov.	32.32	44.07	36.02	63	6	18.4	29	30.061	30.053	30.062	30.42	28	29.31	18
Dec.	29.82	36.09	31.17	44.4	3	15.4	24	30.035	30.020	30.048	30.57	24	29.38	21
Jan. '43.	32.92	42.63	36.02	55	20	8	4	30.035	30.021	30.052	30.69	17	29.69	31
Feb.	25.65	30.73	25.52	43	26	8.4	18	29.887	29.882	29.941	30.41	10	29.29	6
March,	24.49	43.44	28.37	53	28	14	3	29.909	29.906	29.935	30.34	27	29.12	28
April,	43.84	53.28	45.14	73	24	29.4	2	30.019	29.986	30.009	30.29	21	29.44	8
May,	53.62	68.52	53.50	84	15	40	3	30.082	30.058	30.101	30.42	3	29.77	21
June,	62.40	79.51	64.41	90.4	10	38	2	30.085	30.056	30.080	30.45	20	29.72	14
Year.	44.85	55.86	46.29	90.4	(a) 8	(b) 82.2	(c) 30.036	30.031	30.048	30.69	(e) 29.63	(d) 1.66		
Yr. 1842.	46.20	57.29	47.52	88	(e) 10	(f) 78	30.022	29.985	29.973	30.57	(g) 28.95	(h) 1.62		
Yr. 1841.	45.41	55.52	46.88	92.4	(i) 3	(j) 91.3	29.999	29.977	29.986	30.78	(k) 29.02	(l) 1.76		
Yr. 1840.	48.97	58.41	47.19	89.4	(m) -6	(n) 95.4	30.010	29.982	29.993	30.58	(o) 29.17	(p) 1.41		
Yr. 1839.	49.25	60.36	48.95	95	(q) 1	(r) 94	29.984	29.982	29.969	30.74	(s) 28.90	(t) 1.84		

(a) June 10.—(b) Jan. 4.—(c) Jan. 17.—(d) Jan. 31.—(e) July 27.—  
(f) Feb. 17.—(g) Dec. 24.—(h) Feb. 16.—(i) June 8.—(j) Jan. 4.—(k) Jan.  
19.—(l) April 30.—(m) July 16.—(n) Feb. 5.—(o) Jan. 26.—(p) May 4.—  
(q) July 19.—(r) Jan. 1.—(s) Jan. 1.—(t) Dec. 28.

## 2. WEATHER FOR THE YEAR ENDING JUNE 30, 1843.

Months.					Months.				
1842-3.	Clear.	Cloudy.	Rain or Snow.	Water in Inch.	1843.	Clear.	Cloudy.	Rain or Snow.	Water in Inch.
July, '42.	1	1	13	6.921	April,	0	9	13	4.392
August,	0	1	16	4.429	May,	1	2	11	1.766
September,	2	2	11	1.511	June,	2	0	9	2.406
October,	9	0	4	1.831	Year.	31	33	118	38.467
November,	7	3	10	3.210	Yr. 1842,	25	32	139	41.855
December,	0	5	8	3.222	Yr. 1841,	10	44	142	57.365
January, '43.	4	1	6	1.434	Yr. 1840,	21	48	110	41.612
February,	1	3	10	2.446	Yr. 1839,	18	52	97	44.008
March,	4	6	7	4.918					

*Remark.*—The figures in the above table under the heads of 'Clear,' and 'Cloudy,' denote the number of days which were *perfectly clear*, or *entirely cloudy*, at the times when the respective entries were made, viz. at 7 A. M., and at 2 and 9 P. M.; and, so far as observed, during the day.

## V. METEOROLOGICAL TABLE FOR TRENTON, N. J.

*For the Year 1842; by Dr. F. A. Ewing.*

Observations at Sun-rise, 2 P. M., and 10 P. M.

Months.	Thermometer.				Frequent or Pre- vailing Winds.	No. of Rains.	No. of Snows.	REMARKS.
	Maximum.	Minimum.	Range.	Mean.				
Jan.	64	13	51	36.21	s. w.	5	3	[quake. Several shocks of earth- Violets, &c., bloomed.  First Frost, 22d.  First Snow, 16th.
Feb.	66	14	52	38.87	s.	7	3	
March,	71	24	47	45.85	s. w.	10	1	
April,	80	29	51	51.55	s. w.	10		
May,	79	41	38	56.49	s. w.	14		
June,	85	42	43	65.77	s. w.	13		
July,	87	59	28	72.89	s. w.	13		
Aug.	84	53	31	70.09	s. e.	12		
Sept.	86	39	47	63.18	s. w.	7		
Oct.	72	33	39	52.52	n. w.	4		
Nov.	65	15	50	38.78	s. w.	7	4	
Dec.	49	14	35	32.81	n. w.	5	3	
Year,	87	13	74	52.08	s. w.	107	14	Total Depth, 7 inches.

The hottest day of the year was July 30th, the mean of that day being 79°66. There were 61 days, the mean temperature of which was 70°, or above. The coldest day was February 17th, the mean being 19°. There were but 27 days, the mean temperature of which was below 32°.

## VI. METEOROLOGICAL TABLE FOR AUGUSTA, GA.

*Lat. 33° 28' N., Long. 81° 54' W.**By Moses Holbrook, A. M., M. D.*

Months. 1842.	Thermometer.					Prevailing Winds.					Weather.				
	Sunrise.	1 P. M.	9 P. M.	Mean Monthly Temperature.	Minimum.	Maximum.	North West.	North East.	South West.	South East.	Variable.	Fair.	Cloudy.	Rain.	Sleet or Snow.
January,	39.87	54.26	46.74	46.96	25.23d	70.10th	2	4	17	7	1	21	2	7	0
Feb.	43.46	64.39	44.89	50.91	23. 9th	78.13th	4	6	13	4	1	19	3	5	0
March,	56.40	70.87	60.74	62.75	37.16th	80. 6th	1	6	18	5	1	18	2	11	0
April,	56.64	75.76	61.50	64.55	44. 2d	83.25th	4	7	14	5	0	17	0	13	0
May,	62.22	82.77	68.10	71.06	45. 5th	86.20th-27th	2	8	10	6	5	14	4	13	0
June,	69.43	85.70	78.16	77.79	56. 3d	92.27th	2	12	9	2	5	15	4	11	0
July,	70.03	89.35	73.90	77.76	64.16th	92.20th-24th	7	8	2	13	1	7	1	23	0
Aug.	67.94	79.97	72.26	73.39	55. 2d	80.19th	5	10	4	11	1	12	0	19	0
Sept.	66.60	81.90	72.03	73.51	53.29th	92.11th-12th	8	15	4	0	0	22	0	8	0
Oct.	53.06	67.39	58.39	59.61	42.28th	81. 4th	3	23	5	0	0	25	1	5	0
Nov.	39.53	54.80	45.10	66.47	22.20th	70. 3d	14	5	5	5	1	20	3	7	0
Dec.	36.55	51.29	40.19	42.67	15.24th	76. 8th	9	9	12	0	1	22	5	4	0
Annual Means.	55.14	71.54	60.17	63.95	40.09	80.75	61	116	113	58	17	212	25	126	2

Coldest day, December 25th. Warmest days, May 20th and 27th.

\* \* \*

# VII. METEOROLOGICAL TABLES FOR MOBILE, ALA.

*Lat. 30° 41' 48" N., Long. 87° 59' W.; for the year 1842: by Dr. Steph. B. North.*

Months.	Thermometer. — Mean Temperature.							Barometer.				
	7 o'clock.	2 o'clock.	9 o'clock.	Warmest Day.	Coldest Day.	Maximum.	Minimum.	7 o'clock.	2 o'clock.	9 o'clock.	Maximum.	Minimum.
Jan.	51.419	66.064	50.193	69.333	46.606	78	40	30.000	29.980	29.930	30.18	29.80
Feb.	53.107	64.857	55.428	67.666	46.666	74	36	29.948	29.952	29.948	30.18	29.60
March,	65.129	74.903	68.419	74.000	57.333	80	47	29.974	29.974	29.971	30.29	29.66
April,	66.133	75.700	66.308	75.333	60.000	82	53	29.860	29.854	29.847	30.03	29.50
May,	72.193	81.419	75.483	84.000	68.000	89	60	29.859	29.847	29.848	30.01	29.68
June,	78.733	87.100	81.666	86.000	76.333	90	70	29.813	29.808	29.819	29.90	29.67
July,	76.612	85.193	79.032	84.666	74.000	93	73	29.897	29.897	29.894	30.00	29.82
Aug.	78.612	83.806	81.160	85.333	76.000	90	72	29.840	29.840	29.839	29.99	29.70
Sept.	78.000	82.161	79.677	83.666	70.333	90	70	29.811	29.803	29.804	29.95	29.69
Oct.	65.774	75.258	66.322	80.666	57.333	84	54	29.845	29.831	29.829	29.96	29.66
Nov.	58.000	64.900	62.293	72.333	48.666	74	40	29.803	29.875	29.864	30.29	29.58
Dec.	52.967	59.225	55.887	69.000	40.333	74	33	30.002	30.001	30.001	30.29	29.74
Mean,	66.389	75.048	68.991	77.666	60.138	83.1	54.4	29.895	29.888	29.888	30.089	29.675

## 2. WEATHER, WINDS, AND QUANTITY OF RAIN.

Months.	Weather.			Winds.								Force of the Wind, in ratio of 1 to 5.	Quantity of Rain.
	Fair.	Cloudy.	Rainy.	North.	North East.	East.	South East.	South.	South West.	West.	North West.		
January,	14	6	11	9	6		4	8	4			1.655	2.880
February,	14	3	11	6	2		8	5	5	1	1	1.944	4.310
March,	8	12	11	2	4		4	16	3	1	1	1.548	5.885
April,	16	5	9	5	2		6	12	2		3	1.611	6.510
May,	18	6	7		5			21	3		2	1.397	1.360
June,	10	4	16	2			5	19	4			1.322	3.000
July,		13	18	2		4	9	11	4		1	1.191	5.145
August,	9	6	16		2	1	2	17	6	2	1	1.204	12.708
September,	6	7	17	1	5	1	7	5	9		2	1.477	2.941
October,	21	5	5	14	5		3	5	2		2	1.301	1.561
November,	17	6	7	10	8	1	7	1	1	1	1	2.155	6.385
December,	15	8	8	8	7		3	7	4		2	1.763	2.262
Total,	148	81	136	59	46	7	58	127	47	5	16	1.547	54.947

The direction of the Wind was observed at 9 A. M., Noon, and 3 P. M.; and occasionally at 9 P. M.

The Thermometer highest, July 21st; —lowest, December 24th.

## VIII. METEOROLOGICAL TABLE FOR NATCHEZ, Miss.

For 1842. Lat. 31° 34', Long. 91° 24' 42"; by Henry Tooley.

Months.	Thermometer.			Barometer.			Attached Thermometer.			Rain.	Weather.		
	6 A. M.	12 M.	6 P. M.	6 A. M.	12 M.	6 P. M.	6 A. M.	12 M.	6 P. M.	Inches.	Clear.	Cloudy.	Rainy.
January,	49.5	56.7	58.7	29.899	29.858	29.907	52.2	57.1	59.1	3.52	3	15	13
Feb.	50.5	55.9	56.4	29.838	29.839	29.789	52.2	56.8	59.	7.31	6	13	9
March,	66.3	69.5	73.5	29.823	29.931	29.915	66.2	69.8	76.4	3.93	2	20	9
April,	65.6	70.8	76.5	29.807	29.832	29.827	66.	71.1	78.1	5.07	6	16	8
May,	69.1	78.	83.7	29.812	29.869	29.817	74.3	77.6	84.2	.45	3	25	3
June,	74.8	83.1	86.8	29.789	29.778	29.776	76.1	82.8	85.2	6.40	1	20	9
July,	75.2	81.9	83.3	29.854	29.877	29.840	75.	79.9	83.1	1.74	0	24	7
August,	72.1	81.	83.7	29.803	29.825	29.827	74.9	80.4	82.	1.94	2	19	10
Septem.	71.9	78.9	81.6	29.789	29.802	29.771	74.1	79.	79.4	4.64	0	18	12
October,	58.	69.	73.7	29.833	29.813	29.854	63.6	68.6	71.8	1.73	10	17	4
Novem.	50.6	54.9	57.6	29.846	29.912	29.853	51.5	56.1	58.2	5.42	2	19	9
Decem.	44.7	51.6	55.5	29.971	29.976	29.942	47.2	53.3	56.3	1.37	2	27	2
Mean,	62.3	69.2	72.5	29.838	29.859	29.843	64.4	69.3	72.7	43.52	37	233	95

Coldest, 27. 31. 40. Nov. 18.

Hottest, 76. 88. 94. July 20.

Feb. 2, Barometer highest, 30° 36'.

Feb. 3, Barometer lowest, 29° 27'.

## IX. METEOROLOGICAL TABLES FOR VICKSBURG, Miss.

For the year ending 30th November, 1842. By N. W. Hatch.

Months.	Barometer.							Thermometer.						
	Mean.				Maximum.	Minimum.	Range.	Mean.				Maximum.	Minimum.	Range.
	Sun-rise.	12 M.	Sun-set.	Daily.				Sun-rise.	12 M.	Sun-set.	Daily.			
1841.														
Dec.	29.93	29.94	29.92	29.93	30.30	29.60	70	43.48	55.61	56.33	51.82	76	27	49
1842.														
Jan.	29.92	29.91	29.19	29.91	30.23	29.62	61	47.22	59.45	60.48	55.71	76	31	45
Feb.	29.86	29.88	29.83	29.86	30.22	29.22	100	47.64	57.10	59.60	54.78	75	28	47
Mar.	29.91	29.95	29.90	29.92	30.35	29.42	93	60.71	72.55	70.87	68.04	84	44	40
Apr.	29.81	29.85	29.81	29.82	30.05	29.50	55	58.96	74.76	72.43	68.72	83	42	41
May,	29.75	29.82	29.73	29.80	30.06	29.53	53	65.45	83.93	76.39	75.28	94	50	44
June,	29.67	29.70	29.67	29.68	29.82	29.52	30	72.23	85.76	80.53	79.51	91	65	26
July,	29.78	29.82	29.78	29.79	29.96	29.62	34	71.45	86.52	79.84	79.27	94	64	30
Aug.	29.74	29.84	29.74	29.77	29.92	29.64	28	69.80	85.19	80.32	78.50	92	62	30
Sept.	29.81	29.85	29.81	29.82	29.95	29.66	29	69.10	81.93	78.56	76.53	94	56	38
Oct.	29.87	29.87	29.83	29.86	30.02	29.64	38	53.87	69.13	68.68	63.89	84	38	46
Nov.	29.89	29.88	29.84	29.87	30.32	29.44	88	44.83	54.30	53.30	50.81	76	22	54
1842	29.83	29.86	29.81	29.83	30.35	29.22	113	58.73	72.18	69.77	66.90	94	22	72
1841	29.88	29.98	29.86	29.88	30.30	29.39	91	59.07	72.43	69.89	67.42	100	16	84
1840	29.87	29.88	29.84	29.86	30.33	29.46	87	58.67	71.86	69.99	66.91	96	22	74

## 2. WEATHER, DIRECTION OF THE WIND, AND QUANTITY OF RAIN.

Months.	Nights.			Days.			Course of Winds.								Depth of Rain.
	Fair.	Cloudy.	Rain.	Fair.	Cloudy.	Rain.	North.	South.	East.	West.	North East.	North West.	South East.	South West.	
1841, December,	13	10	8	16	12	3	14	11	3	0	1	1	1	0	2.54
1842, January,	17	8	6	18	10	3	11	15	3	0	0	0	2	0	7.73
February,	15	9	4	16	6	6	9	9	7	0	1	0	0	0	8.18
March,	20	4	7	18	11	2	8	16	6	0	0	0	1	0	4.32
April,	22	2	6	20	9	1	10	15	3	0	0	0	2	0	3.12
May,	25	4	2	26	4	1	8	9	8	4	0	2	0	0	.86
June,	20	6	4	24	3	3	4	1	9	11	2	2	0	1	5.29
July,	21	7	3	21	7	3	4	1	7	13	1	4	0	1	4.24
August,	20	8	3	25	5	1	3	1	9	4	5	4	3	2	2.64
September,	20	9	1	14	14	2	2	2	12	4	2	2	5	1	2.51
October,	26	3	2	24	6	1	2	0	8	10	3	5	3	0	1.74
November,	17	9	4	14	11	5	0	0	10	8	3	4	4	1	5.72
Year 1842,	236	79	50	236	98	31	75	80	85	54	18	24	23	6	48.89
Year 1841,	226	83	56	215	118	32	149	103	23	15	11	10	45	9	47.74
Year 1840,	217	87	62	217	123	26	149	99	24	14	15	14	37	14	48.11

3.	Mean Temperature.				Quantity of Rain in inches.		
	1839	1840	1841	1842	1840	1841	1842
Winter, .	48.10	50.18	49.78	54.10	13.44	14.13	18.45
Spring, . .	68.28	69.27	69.54	70.68	15.43	11.79	7.80
Summer, .	80.60	81.76	83.06	79.09	6.10	9.31	13.17
Autumn, .	66.05	66.44	67.30	63.74	13.14	12.51	9.97

## X. FLOWERING OF FRUIT TREES.

Place.	Year.	Peach.	Cherry.	Apple.
Cambridge, Mass.,	1843	May 12 to 16.	May 12 to 16.	May 16 to 24.
New Haven, Conn.,	1843	May 5.	May 15.	May 18.
Perth Amboy, N. J.,	1843	May 4.	May 7.	May 13.
Trenton, N. J.,	1843	April 26.	April 27.	May 2.
Newtown, Penn.,	1843	April 30.	May 3.	May 10.
King Geo., C. H., Va.,	1843	April 22.	April 22.	April 29.
Indianapolis, Ind.	1843	May 1 to 4*	May 4 to 7*	May 7 to 12.*

\* About twenty days later than in ordinary seasons.

*Augusta, Geo.* Peach and plumb, Feb. 28: Almond trees, Feb. 12.

## XI. METEOROLOGICAL TABLE FOR BLOOMINGTON, Iowa.

*For the Year 1841; by Mr. T. S. Parvin.*

1841.	Thermometer.				Barometer.				Weather.					Winds.					
Months.	Mean tem- perature.	Maximum.	Minimum.	Range.	Mean height.	Maximum.	Minimum.	Range.	Clear.	Cloudy.	Variable.	Rain.	Snow.	Northeast.	Southeast.	Northwest.	Southwest.	Lat. Wind.	Hg. Wind.
Jan.	20.8	52	23	75	29.36	29.90	28.90	1.00	16	6	9		6	5	2	20	4	14	17
Feb	36.1	62	14	76	.36	.70	.80	.90	19	7	2		6	1		17	10	19	9
Mar.	37.2	68	18	50	.36	.80	.80	1.00	15	7	9	8	1	15		11	5	16	15
Apr.	51.3	77	27	50	.38	.80	.60	1.20	7	7	16	8	1	8	1	12	9	9	21
May	58.1	90	33	57	.37	.60	29.10	.50	19	2	10	8		7	7	7	10	20	11
June	71.1	96	49	47	.32	.50	.00	.50	14	4	12	10		12	2	4	12	20	10
July	70.4	96	56	40	.41	.60	.20	.40	19	1	11	11		7	1	4	19	27	4
Au.	65.5	96	48	48	.49	.60	.20	.40	17	2	12	9		10	5	13	3	27	4
Sep.	58.5	96	36	60	.36	.60	28.90	.70	12	10	8	10		6	6	12	6	21	9
Oct.	55.0	72	18	54	.38	.70	29.00	.70	12	9	10	6	1	2	10	15	4	17	14
Nov.	38.2	66	4	70	.37	.70	28.70	1.00	14	8	8	5	4	2	4	15	9	19	11
Dec.	28.8	47	8	55	.35	.70	.10	1.60	13	14	4	5	2	3	6	15	7	25	6
Yr.	48.4	96	23	119	20.37	29.90	28.10	1.80	177	77	111	80	21	78	44	145	98	234	131

The warmest day was June 7th; mean, 83° above 0. The coldest day was Jan. 17th; mean, 13.4° below 0. The highest temperature, July 19th; 96° above 0. The lowest temperature, Jan. 17th; 23° below 0. Mean temperature for the year, 48.41°. Range of temperature, 119°. Mississippi river opened, March 1st; closed, January 3d, 1842.

NOTE.—The *minimum* for January, February, November and December, should be taken as *below* zero, for the number of degrees expressed in that column opposite those months.

## XII. METEOROLOGICAL TABLE FOR BLOOMINGTON, Iowa,

*For the Year 1842; by Mr. T. S. Parvin.*

1842.	Thermometer.					Barometer.				Weather.					Winds.					
Months.	Mean tem- perature.	Maximum.	Minimum.	Range.		Mean height.	Maximum.	Minimum.	Range.	Clear.	Cloudy.	Variable.	Rain.	Snow.	Northeast.	Southeast.	Northwest.	Southwest.	Lat. Wind.	Hg. Wind.
Jan.	26.2	52	-10	62		29.86	29.60	28.90	.70	23	3	5	2	2	2	5	19	5	22	9
Feb.	28.0	56	-13	69		.20	.70	.80	.90	15	8	5	5	5		6	12	10	20	8
Mar.	45.8	84	13	71		.42	.70	.70	1.00	18	1	12	6	1	5	8	12	6	13	18
Apr.	53.3	84	26	58		.26	.50	.90	.60	20	5	5	7		3	7	12	8	16	14
May	57.8	86	33	53		.34	.70	29.00	.70	20	8	3	6		3	8	11	9	27	4
June	65.6	92	43	49		.30	.50	28.80	.70	18	4	8	8		1	11	16	2	27	3
July	68.3	94	50	44		.44	.50	29.10	.40	24	4	3	7		6	13	6	6	25	6
Aug.	66.8	92	14	51		.46	.80	.00	.80	24	5	2	3		2	17	7	5	19	12
Sep.	64.4	92	35	57		.44	.70	.20	.50	21	3	6	7		6	9	5	10	17	13
Oct.	53.4	80	23	57		.41	.70	.10	.60	25	4	2	2		1	6	4	20	9	22
Nov.	30.2	69	-11	80		.39	.70	28.90	.80	10	13	7	4	6		7	17	6	22	8
Dec.	21.6	48	-21	69		.10	.80	.00	.80	12	13	6		5	3	4	21	3	25	6
Yr.	48.4	94	-21	115		29.38	29.80	28.70	1.10	230	71	64	57	19	32	101	152	90	242	123

The warmest day was Sept. 11th, 81° 20' above 0. The coldest day was Dec. 22d, 6° below 0. The highest temperature was July 18th, 94° above 0; the lowest was Dec. 22d, 21° below 0. Mean temperature for the year, 48° 46'. Range of temperature, 115°. Mississippi River opened, Feb. 28; closed, Nov. 26.



## XIII. THE GREAT COMET OF 1843.

BY BENJAMIN PEIRCE, A. M.

*Perkins Professor of Astronomy in Harvard University.*

ON the 27th of February, this comet was seen nearly at midday in Conception, S. A. Captain Peleg Ray, "a man of sound judgment, a very accurate observer, and correct man," observed it in that city, and on that day, at 11 A. M., at the East of the Sun, its bearing from the Sun being almost precisely East, with very little perceptible Southing. Its distance from the Sun was only 5 minutes, or  $\frac{1}{6}$  of the Sun's apparent diameter. "He did not," says William Mitchell, of Nantucket, in a letter describing this observation, "measure the angle, his instruments being on board of the ship, some distance below the city; but he took great pains to estimate the apparent distance, and, being so near the Sun, thinks he has done it very nearly. I have tested the day and hour in a most satisfactory manner."

On the 28th of February, the comet was seen by day in various parts of New England, the East and West Indies, and the South of Europe. The only exact observation upon its place was made by Mr. F. G. Clarke, of Portland, Maine; and this is much the most valuable single observation which was made upon the comet, and more so, probably, than any observation which has ever been made upon any comet. The time of observation was 3h. 2m. 15s. Portland mean solar time, and the observed distance, which Mr. Clarke thinks may be depended upon to 10'', was  $4^{\circ} 6' 15''$  from the *farthest* limb of the Sun to the nearest limb of the comet; the bearing, as nearly as it could be ascertained by the compass, was E. by S.  $\frac{1}{2}$  S. of the comet from the Sun. Mr. Clarke says, "the opacity of this comet was remarkable; I fully believe that it might have been seen on the Sun's disk. It resembled a white cloud of great density." He thought, that the tail was fully equal to the nucleus in brilliancy, and adds, "I observed no difference throughout." He also described the head as being definitely distinct from the tail; and the extremity of the tail, most remote from the Sun, was perfectly well defined, and distinctly rounded off. This last observation is insisted upon quite positively by Mr. Clarke, although it seems to be at variance with that of other observers, whose accounts agree much more closely with that of Amici of Florence. Amici saw the comet at noon, and stated "the mass, examined by an opera glass, to be like a flame, badly defined, three times as long as it was wide, very luminous towards the Sun, and a little smoky at the East." An observer at Woodstock, Vt., says that "on viewing the comet through a common three-foot telescope of moderate

power, it presented a distinct and most beautiful appearance, exhibiting a very white and bright nucleus, and a tail dividing near the nucleus into two separate branches, with the outer sides of each branch convex, and of nearly equal length, apparently  $8^{\circ}$  or  $10^{\circ}$ , and a space between their extremities of  $5^{\circ}$  or  $6^{\circ}$ ." This account appears irreconcilable with the same observer's estimate of the length of the comet's tail, which was only  $3^{\circ}$ , and which is the same with that of the observers at New Bedford and Waterbury.

During the first week of March, the splendor of the comet in the Southern hemisphere is described as altogether surpassing any thing which it afterwards exhibited to Northern observers. On the 1st of March, it was seen at Pernambuco, and on the 4th, it is described by H. A. Cooper, Esq., the British Consul in that city, "as particularly small, without any nebulosity, but of extreme brightness, of a golden hue, and a line of the same bright color may be distinctly traced, running directly from it into the tail, for  $4^{\circ}$  or  $5^{\circ}$ ; the tail is perhaps  $30^{\circ}$  in length, and is of a brilliant silver color, perfectly opaque, but becoming less and less dense until it is lost in space."

Commander Close, of the ship *Ellenborough*, estimated the nucleus "to be of equal brightness with a star of the second or third magnitude, and said that the tail had a darkish line from its nucleus through the centre to the end; it was occasionally brilliant enough to throw a strong light on the sea. The tail was observed to have considerable curvature." This dark line was also noticed on the 4th by Capt. Hopkins, on a voyage to India from the Cape of Good Hope, and by Mr. David Sears, Jr., and Mr. Appleton, of Boston, who were in latitude  $10\frac{1}{2}^{\circ}$  South, and exerted themselves to obtain observations of the comet. At the Cape of Good Hope, the nucleus was seen on the 3d of March, and is described by Piazz Smyth, Esq., of the Royal Observatory, as consisting of a "planetary disk, from which rays emerged in the direction of the tail. To the naked eye there appeared a double tail, about  $25'$  in length, the two streamers making with each other an angle of about  $15^{\circ}$ , and proceeding from the head in perfectly straight lines. From the end of the forked tail, and on the North side of it, a streamer diverged at an angle of  $6^{\circ}$  or  $7^{\circ}$  towards the North, and reached a distance of upwards of  $65'$  from the comet's head; a similar, though much fainter, streamer was thought to turn off South of the line of direction of the tail. On the 5th, the appearance of the comet was considerably changed; the angle of the North streamer with the direction of the tail had been diminishing, and was now South; it had also diminished in brightness. The total length was about  $35^{\circ}$ . All the rays proceeding from the head were now of uniform brightness, excepting one bright streak, which

could be traced along the tail. On the 6th, the nucleus is the broadest part of that end of the comet; all the rays come from the posterior side, and are pretty equal in brightness, with the exception of a narrow bright streak in the middle, which runs for 3° or 4° along the middle of the tail, and then verges to the North side. The tail this evening was about 27° long. On the 9th, the angle of the two sides of the tail at the head appeared to have undergone a gradual diminution, and the middle part was becoming more and more equal in brightness to the sides."

The only observers who seem to have noticed any color in the comet, are Mr. Cooper of Nice, who notices the change in the color from a reddish tint upon the first day of its appearance, to a pure white; and John Belan, Esq., master of the British sloop of War Albatross, who observed it on the 7th of March, and says that "the part of it from which the tail is produced is of a reddish appearance."

The lengths of the tail, given at different times, by different observers, are contained in the following table.

Observer.	Feb. 28	Mar. 3	Mar. 4	Mar. 5	Mar. 6	Mar. 7	Mar. 8	Mar. 9	Mar. 11	Mar. 13	Mar. 15	Mar. 17	Mar. 18	Mar. 19	Mar. 20	Mar. 24	Mar. 26	Mar. 27	Mar. 30	Mar. 31
Bond,																				
Sears & Appleton,		25			36	38														
Clarke,	1																			
Woolstock Obser.	3																			
Piazzi Smyth,		25		35	27															
Captain Close,			32																	
Captain Hopkins,		30																		
Lieut. Pollock,				23																
Caldecott,					36															
Lieut. Downes,					35															
J. Belan, Esq.,						28														
Mitchell,						40														
Lieut. Jacob,																				
Cowper,								36												
Captain Geale,								28												
Yale Observatory,									46											
Laugier,												34						32	30	24
Malta,													40							
Galle,								36							40					
Mean,	2	25	31	32	34	36	34	33	48	45	52	34	45	43	40	41	32	30	28	24
Actual obs'd length in millions of miles.	5	34	42	44	48	51	52	52	102	106	191	92	200	186	169	209	213	169	186	150

The diameter of the head of the nucleus was measured by Mr. Caldecott, of the Royal Observatory at Trevandrum, and found to be about 11", or five thousand miles, and that of the nebulosity surrounding it, about 45", or twenty thousand miles.

The elements of the orbit of the comet have been computed by many different astronomers, and are contained in the following table:

Greenw. mean time of Perihel. Passage.	Long. of the Perihelion.	Long. of the Ascend'g Node.	Inclination.	Perihelion Distance.	Eccentricity.	Dir. of hel motion.	Time of Revolution.	Computers.
Febr'y. d.	° ' "	° ' "	° ' "					
20.122	72 6	157 44	25 15	0.41051	1.00000	D		[Kendall.
26.2573	292 50 31	166 1 25	39 0 22	0.00834	1.00000	D		Walker and
27.448750	276 59 32	1 16 21	35 40 52	0.00818296	1.00000	R		"
27.436953	277 43 54	1 55 19	35 34 1	0.00701906	1.00000	R		"
27.54	275 30	359 0	36 1	0.0104	1.00000	R		"
27.83665	290 47 1	66 8 3	47 14 52	0.00207512	1.00149	R		"
27.58939	280 44 4	15 57 4	34 19 52	0.00410367	1.0009050	R		"
27.203	272 19	356 31	36 37	0.0147	1.00000	R		Nooney and (a)
27.283424	274 49 38	359 8 46	35 56 38	0.0108547	1.0000	R		Alexander, N. J.
27.330903	273 32 31	14 51 9	33 6 49	0.0227511	1.0000	R		Smith, Conn.
27.6	347	160 30	45 30	0.16	1.0000	D		H. M. P. Maine.
26.6887	290 24 25	160 10 39	41 9 1	0.007167	1.0000	D		Loomis, Ohio.
27.50	279 29	359 43	35 58	0.004107	1.0000	R		Henderson.
27.810	186 38	352 5	40 53	0.5767	1.00000	R		Littrow.
27.4209	274 30 5	357 43 25	36 22 20	0.011323	1.00000	R		Galle, Berlin.
27.4711	279 12 11	359 53 21	36 0 27	0.0045	1.0000	R		Plantamour, (b)
27.4290	278 18 3	0 51 4	35 45 39	0.005807	1.00000	R		"
27.42	278 50	1 24	35 39	0.0052	1.0000	R		Valz.
27.42	278 28 5	359 29 10	35 39 50	0.0052	1.0000	R		Valz.
27.36579	291 21 20	5 51 8	35 0 34	0.0030361	1.0000	R		Encke.
27.46195	279 2 30	4 15 25	35 12 38	0.0052197	1.0002182	R		Encke.
27.461	277 29 21	0 53 19	35 44 22	0.007174	1.0000	R		Argelander.
27.3898	280 32 25	4 36 0	35 10 39	0.003097	1.0000	R		Nicolai.
27.4132	279 59 7	3 55 17	35 15 42	0.004280	1.0000	R		Capocci.
27.5643	277 52 35	354 48 50	35 56 55	0.00538	1.0000	R		Capocci.
27.630	289 51 25	353 0 59	40 29 37	0.0056343	1.0000	R		Plana.
27.5	243 33	353 45	38 0	0.1542	1.0000	R		Carlini.
27.432	279 6	3 7	35 3	0.0048	1.0000	R		Caldecott.
27.55	267 42	357 42	36 7	0.0541	1.0000	R		Anderson, N. Y.
27.57986	279 40 35	15 0 56	34 21 6	0.00415697	1.0008560	R		Anderson, N. Y.
27.42291	278 45 39	2 10 0	35 31 30	0.005488	1.0000	R		Laugier and (c)
27.30561	278 36 20	0 44 2	35 46 11	0.0056779	0.9998185	R	175	"
27.33060	278 17 33	357 52 4	36 20 33	0.00601694	0.999440	R	35.1	"
27.39583	278 34 18	0 47 43	35 46 12	0.0056712	0.9998187	R	175	Gould.
27.40173	278 35 32	0 21 38	35 50 14	0.0055824	0.9998308	R	189	Gould.
27.21	280 31	348 33	39 16	0.00572	1.0000	R		Peirce.
27.3100	277 36 28	356 03 35	36 46 13	0.00700000	0.9991050	R	21	Peirce.
27.2500	276 49 22	355 28 43	36 54 10	0.00800000	0.9989772	R	21	Peirce.

(a) Hadley, of Yale.

(b) Of Geneva.

(c) Mauvais, Paris.

To test the best of these orbits, I have compared them with six observations, which are: 1st, Mr. Ray's observation at Conception, on Feb. 27; 2nd, Mr. Clarke's observation at Portland, on Feb. 28; 3d. a mean or normal place for the 9th of March, deduced from Mr. Caldecott's observations at Trevandrum, upon March 8th, 9th, and 10th; 4th, 5th, and 6th, Mr. Walker's three corrected normals, which are contained in Silliman's Journal for July, 1843, and are deduced from his own and various European observations; they correspond to March 20, March 30, and April 9. The orbits which we have subjected to this comparison, are Walker and Kendall's last parabola, and their last hyperbola, Encke's hyperbola, Laugier and Mauvais's three orbits, Gould's two orbits, and my own two ellipses. The results of the comparison are contained in the following table.

Orbit.	Excess of calculated above observed position.										Sum of the sqs. of errors, excluding the 29th.
	Fb.27.	Fb.28.	March 9.		March 20.		March 30.		April 9.		
			R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	
W. & K.'s Parab.	+100	-1316	-542	-121	+21	-34	-25	+11	+31	+14	445749
" Hyperb.		-1094	104	-176	+1	+4	-9	+6	0	0	220533
Encke's Hyperb.	+119	-402	-87	+35	-87	+7	-57	+8	+12	+30	42753
Paris Parabola,	+100	-140	-22	-33	+3	-4	-4	+4	+6	+39	4896
" ell. of 175 ys.	+92	+37	-22	-22	-12	-11	-8	+4	+13	+58	2803
" ell. of 35.1 ys.	+82	+424	-16	24	+3	-14	-100	+18	+5	+78	43902
Gould's of 175 ys.	+92	+36	-22	-20	-1	-8	+4	+5	+16	+58	2574
" " of 189½ y.	+93	0	-40	+21	-5	-7	-4	+10	+25	+33	2067
Peirce's of 21½ ys.	+39	0	-251	+35	+17	-27	+10	-19	-32	+47	35223
" 2d of 21½ ys.	+0	+249	-3	0	+190	+25	-47	+32	-258	+8	83570

The superiority of the Paris orbits is manifest from this table. They were derived from observations of only eleven days, but satisfy so well the earlier and later observations, that the palm of success should undoubtedly be awarded to their authors, Laugier and Mauvais. The principle, generally adopted by astronomers, that the smallness of the sum of the squares of the errors is the best criterion of the probability of an hypothesis, is highly favorable to their orbits, and particularly to the elliptic orbit of 175 years. In computing the sum of the squares of the errors, the Conception observation, which was made before the perihelion passage, is excluded, because it is quite inconsistent with either of the orbits, and requires a separate discussion. The Trevandrum normal and the last Philadelphia normal, being determined from the observations of a single place, are taken to be worth, each, only half as much as either of the other two normals; and the Portland observation is estimated at one sixth of the value of each of these two normals. Upon these assumptions, which cannot be so far from the truth as materially to affect the result, Mr. Gould, an undergraduate of the senior class in Harvard College, has computed the most probable orbit of 175 years, and also the

most probable orbit independently of any assumed time. The table of comparison is the best possible proof of the success with which his skill and perseverance have been rewarded. The period of  $189\frac{1}{2}$  years, which resulted from his latter computation, must be regarded as corroborative of the period of 175 years, which has been deduced from another argument.

Some of the orbits correspond to a perihelion distance less than the sun's semidiameter. Encke's sound judgment unhesitatingly rejected this, as an "impossible result;" and, because he was unable to satisfy the observations by a parabolic orbit, which was not liable to this defect, he resorted to an hyperbola. Laugier and Mauvais have been more successful, and their orbits, which do not pass through the sun, and are not hyperbolic, satisfy the early observations incomparably better than Encke's hyperbola. Walker of Philadelphia, on the contrary, obtained a different result, and his best hyperbolic orbit passes into the sun. "These," he says, in a letter to the editor of the Philadelphia Gazette, dated May 20th, 1843, "*are the established facts of the case. The comet struck the sun on the 27th of February last, and on the 28th, was seen in the daytime departing from the sun in a curve called an hyperbola.*" Convinced, also, that he saw the tail on the 23d of February, he adds: "So there are to be explained —

"1st. The position of the tail on the 23d of February, midway between that of the zodiacal light, and that of the tail on the 11th of March.

"2nd. The almost point-blank concussion of the nucleus with the body of the sun.

"3d. The appearance of the *debris* of the comet in the daytime of the 28th of February and 1st of March.

"4th. The departure of these *debris* from the sun to distant regions, in that particular conic section called an hyperbola.

"5th. The probable identity of this comet with the comets of 1668 or 1689, with a period of  $21\frac{7}{8}$  years, and a consequent elliptic orbit of the nucleus previous to the concussion on the 27th of February."

These *five* FACTS were accompanied with an orbit and a theory, which purported "to explain them all." But within five days, Mr. Walker saw the inaccuracy of his orbit, and the unsoundness of his theory; and his new orbit and theory are contained in a communication to the July number of Silliman's Journal. In this article, there is no allusion to the first fact, of the position of the tail seen by Mr. Walker on the 23d of February, which is irreconcilable with his last orbit, or with any other than the incorrect orbit of the 20th of May. The second *fact*, of the concussion, is now a rejected "paradox," and the last orbit, which contains this fact as one of its essential elements, ought also to be called a paradox or absurdity, and rejected as such. The fourth *fact*, of the hyperbolic orbit, is now called a paradox — that is, *apparently not a fact*; and that the true orbit is *not* an hyperbola is evident from the inconsistency of the hyperbolic orbits

of Encke and Walker with the Trevandrum and Portland observations. This fourth *no-fact*, or paradox, then, must have arisen from errors in the data; the errors are not in the calculations, for Mr. Walker's last, or seventh, computation is undoubtedly a correct deduction from his published data. His labored *guess* at the cause of the want of identity of the observed point and the centre of gravity amounts to a full admission of this error, and herein lies its principal value. I am persuaded, from inspecting the table of comparison, and reflecting upon the magnitude and ill-defined character of the head of the comet, that the normal places are not to be depended upon to their asserted accuracy of 6 or 10 seconds, but that they are liable to an error of nearly or quite 20 seconds. The change of the orbit from an ellipse to a hyperbola by collision with the sun, which is involved in Mr. Walker's fifth fact, is necessarily rejected with the paradox of collision; but even if the collision had occurred, there is an impossibility in such a change, which is set forth by Professor Anderson in the remark, that it involves a change in the character of the conic section "from a less velocity to one of greater."

The identity of this comet with that of 1668 seems to be admitted by the best astronomers, although serious doubts are thrown upon it by the calculations of Henderson. The French astronomers think, that it is also identical with the comets of 1106, 1493, 1702, and some other comets, which correspond to a period of 35.1 years. Mr. Walker thinks it identical with the comet of 1689, as well as that of 1668, and 1493, and with some other comets, which would give it a period of  $21\frac{7}{8}$  years. Capocci thinks, that it is identical with all these comets, and gives it a period of 7 years. Capocci's period may be rejected without hesitation, and the arguments in favor of the other short periods, derived from previous returns, are quite insufficient; but the present limits will not admit of my entering upon so extensive a discussion. The period of 175 years, which includes the comets of 1493 and 1668, is better sustained by all the observations, except that at Conception, than either of the shorter periods.

The comparison of the Conception observation with Mr. Clarke's leads to a velocity of the comet less even than that which would correspond to the orbit of  $21\frac{7}{8}$  years. My first orbit of  $21\frac{7}{8}$  years, which is the most probable orbit of this period, that can be deduced from all but this first observation, does not satisfy it, nor does it satisfy the other observations nearly so well as the orbit of 175 years. The second orbit of  $21\frac{7}{8}$  years is the most probable orbit which satisfies the observation at Conception, but is quite inconsistent with the later observations. The Conception observation, therefore, if it was made with any thing of the accuracy which might be expected from Captain Ray, exhibits a decided anomaly in the nature of the forces to which the comet was subjected during its perihelion passage.

THE  
AMERICAN ALMANAC,  
FOR  
1844.

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PART II.





# UNITED STATES.

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## I. EXECUTIVE GOVERNMENT.

The 14th Presidential term of four years, since the establishment of the government of the United States, under the Constitution, began on the 4th of March, 1841; and it will expire on the 3d of March, 1845.

JOHN TYLER, of Virginia,	<i>President,</i>	Salary. \$25,000
<i>Vacancy,</i>	<i>Vice President.</i>	5,000

General William Henry Harrison, of Ohio, having been elected by a majority of 174 of the electoral votes, was, on the 4th of March, 1841, inaugurated President of the United States, in the city of Washington, and died on the 4th of the succeeding April. In consequence of this event, the duties of the office have devolved on John Tyler, of Virginia, who had been elected by the same majority Vice-President; in accordance with the provision of the Constitution of the United States, which says: "In case of the removal of the President from office, or of his death, resignation, or inability to discharge the powers and duties of said office, the same shall devolve on the Vice President."

## THE CABINET.

The following are the principal officers in the *executive department* of the government, who form the Cabinet, and who hold their offices at the will of the President.

Abel P. Upshur,	Virginia,	<i>Secretary of State,</i>	Salary. \$6,000
John C. Spencer,	New York,	<i>Secretary of the Treasury,</i>	6,000
James M. Porter,	Pennsylvania,	<i>Secretary of War,</i>	6,000
David Henshaw,	Massachusetts,	<i>Secretary of the Navy,</i>	6,000
Charles A. Wickliffe,	Kentucky,	<i>Postmaster General,</i>	6,000
John Nelson,	Maryland,	<i>Attorney General,</i>	4,000

## DEPARTMENT OF STATE.

Abel P. Upshur, *Secretary*.

	Salary.		Salary.
Wm. S. Derrick, <i>Chief Clerk</i> ,	\$2,000	W. C. Zantzinger, <i>Clerk</i> ,	\$900
		J. B. Ayres, <i>do.</i>	800
<i>Diplomatic Bureau.</i>			
William Hunter, Jr. <i>Clerk</i> ,	1,600	Rob. Greenhow, <i>Translator</i> ,	1,600
Francis Markoe, Jr. <i>do.</i>	1,500	Edw. Stubbs, <i>Disbur. Agent</i> ,	1,450
A. H. Derrick, <i>do.</i>	1,400	W. H. Prentiss, <i>Packer</i> ,	800
<i>Consular Bureau.</i>		<i>Patent Office.</i>	
Robert S. Chew, <i>Clerk</i> ,	1,400	H. L. Ellsworth, <i>Com. Pat.</i>	3,000
Jas. S. Ringgold, <i>do.</i>	1,400	Jos. W. Hand, <i>Chief Clerk</i> ,	1,600
<i>Home Bureau.</i>		Charles M. Keller, } <i>Exam-</i>	1,500
T. W. Dickins, <i>Clerk</i> .	1,400	Charles G. Page, } <i>iners</i> ,	1,500
George Hill, <i>do.</i>	1,400	Henry Stone, } <i>Assist.</i>	1,250
Geo. S. Watkins, <i>do.</i>	1,400	W. P. N. Fitzgerald, } <i>Exam.</i>	1,250
Horatio Jones, <i>do.</i>	1,000	A. L. McIntire, <i>Draughtsman</i> ,	1,200
		Hazard Knowles, <i>Machinist</i> ,	1,250

## TREASURY DEPARTMENT.

John C. Spencer, *Secretary*.

	Salary.		Salary.
McC. Young, <i>Chief Clerk</i> ,	\$2,000	<i>Treasurer's Office.</i>	
<i>Comptrollers.</i>		William Selden, <i>Treasurer</i> ,	\$3,000
James W. McCulloh, <i>1st Comp.</i>	3,500	W. B. Randolph, <i>Chief Clerk</i> ,	1,700
James Larned, <i>Chief Clerk</i> ,	1,700	<i>Register's Office.</i>	
Albion K. Parris, <i>2d Comp.</i>	3,000	Thomas L. Smith, <i>Register</i> ,	3,000
Jonathan Seaver, <i>Chief Clerk</i> ,	1,700	Mich. Nourse, <i>Chief Clerk</i> ,	1,700
<i>Auditors.</i>		<i>Solicitor's Office.</i>	
Tully R. Wise, <i>1st Auditor</i> ,	3,000	Ch. B. Penrose, <i>Solicitor</i> ,	3,500
John Underwood, <i>Chief Clerk</i> ,	1,700	<i>Land Office.</i>	
Wm. B. Lewis, <i>2d Auditor</i> ,	3,000	Th. H. Blake, <i>Com. Gen.</i>	3,000
James Eakin, <i>Chief Clerk</i> ,	1,700	John Williamson, <i>Recorder</i> ,	2,000
Peter Hagner, <i>3d Auditor</i> ,	3,000	Charles Hopkins, <i>Solicitor</i> ,	2,000
Jas. Thompson, <i>Chief Clerk</i> ,	1,700	John M. Moore, <i>Chief Clerk</i> ,	1,800
Aaron O. Dayton, <i>4th Auditor</i> ,	3,000	Jos. S. Wilson, <i>Chief Clerk of</i>	
Th. H. Gillis, <i>Chief Clerk</i> ,	1,700	<i>private Land Claims</i> ,	1,800
S. Pleasanton, <i>5th Auditor</i> ,	3,000	W. T. Steiger, <i>Chief Clerk of</i>	
Thomas Mustin, <i>Chief Clerk</i> ,	1,700	<i>Surveys</i> ,	1,800

## WAR DEPARTMENT.

James M. Porter, *Secretary.*

	Salary.		Salary.
Daniel Parker, <i>Chief Clerk,</i>	\$2,000	Richard Gott, <i>Chief Clerk,</i>	\$1,600
<i>Bureau of Indian Affairs.</i>		<i>Pay Bureau.</i>	
T. H. Crawford, <i>Commissioner,</i>	3,000	N. Towson, <i>Brev. Br. Gen. &amp;</i>	
S. Humes Porter, <i>Chief Clerk,</i>	1,600	<i>Paymaster Gen.</i>	
<i>Pension Bureau.</i>		Nathaniel Frye, <i>Chief Clerk,</i>	1,700
Jas. L. Edwards, <i>Commissioner,</i>	2,500	<i>Medical &amp; Surgical Bureau.</i>	
Geo. W. Crump, <i>Chief Clerk,</i>	1,600	Thomas Lawson, <i>Surg. Gen.</i>	2,500
<i>Head Quarters of the Army.</i>		H. L. Heiskell, <i>Surgeon.</i>	
Winfield Scott, <i>Maj. Gen. Com'nding.</i>		R. Johnson, <i>Chief Clerk.</i>	1,150
R. Jones, <i>Brev. Brig. Gen. &amp; Adj. Gen.</i>		<i>Engineer Bureau.</i>	
L. Thomas, <i>Maj. &amp; Assist. do.</i>		J. G. Totten, <i>Col. &amp; Chief Engineer.</i>	
<i>Quarter Master's Bureau.</i>		D. P. Woodbury, <i>Lieut. &amp; Assist. Eng.</i>	
T. S. Jesup, <i>Br. Maj. Gen. &amp; Q. M. Gen.</i>		Benj. Fowler, <i>Chief Clerk,</i>	1,200
A. R. Hetzel, <i>Capt. &amp; Assist. Q. M.</i>		<i>Topographical Bureau.</i>	
Wm. A. Gordon, <i>Prin. Clerk,</i>	\$1,600	John J. Abert, <i>Col. &amp; Chief Top. Eng.</i>	
<i>Subsistence Bureau.</i>		Geo. Thompson, <i>Chief Clerk,</i>	1,400
G. Gibson, <i>Brev. Br. Gen. &amp; Com.</i>		<i>Ordnance Bureau.</i>	
<i>Gen. Subsist.</i>		Geo. Bomford, <i>Col. &amp; Chief of Corps.</i>	
John C. Casey, <i>Capt. &amp; Assist. Com.</i>		W. Maynadier, <i>Capt. &amp; Assist.</i>	
		Geo. Bender, <i>Chief Clerk,</i>	1,200

## NAVY DEPARTMENT.

David Henshaw, *Secretary.*A. Thomas Smith, *Chief Clerk,* salary \$2,000.

			Salary.
Lewis Warrington, <i>Chief of the Bureau of Docks and Navy Yards,</i>			\$3,500
William M. Crane, <i>do.</i>	<i>do.</i>	<i>Ordnance and Hydrography,</i>	3,500
Beverley Kennon, <i>do.</i>	<i>do.</i>	<i>Construct. Repairs &amp; Equip.</i>	3,000
C. W. Goldsborough, <i>do.</i>	<i>do.</i>	<i>Provisions and Clothing,</i>	3,000
W. P. C. Barton, <i>do.</i>	<i>do.</i>	<i>Medicines &amp; Surg. Instrum.</i>	2,500

## POST OFFICE DEPARTMENT.

Charles A. Wickliffe, *Postmaster General.*

		Salary.
Selah R. Hobbie, <i>1st Assistant Postmaster Gen., Contract Office,</i>		\$2,500
John A. Bryan, <i>2d do. do. do. Appointment Office,</i>		2,500
John S. Skinner, <i>3d do. do. do. Inspection Office,</i>		2,500
John Marron, <i>Chief Clerk, Post Office Department,</i>		2,000
Elisha Whittlesey, <i>Auditor of the Treasury for the Post Office,</i>		3,000
Peter G. Washington, <i>Chief Clerk of the Auditor,</i>		2,000

## COLLECTORS OF CUSTOMS IN THE PRINCIPAL PORTS.

[Corrected in the Treasury Department, July 1st, 1843.]

Ports.	Collectors.	Ports.	Collectors.
Eastport, Me.	Joseph C. Noyes.	Philadelphia, Pa.	Calvin Blythe.
Machias, Me.	Wm. B. Smith.	Presque Isle, Pa.	Chas. W. Kelso.
Castine, Me.	Chas. J. Abbott.	Wilmington, Del.	Arnold Naudain.
Belfast, Me.	George Thacher.	Baltimore, Md.	N. F. Williams.
Waldoboro', Me.	George Allen.	Annapolis, Md.	Richard Sands.
Wiscasset, Me.	Moses Shaw.	Vienna, Md.	B. H. Crockett.
Bath, Me.	Parker Sheldon.	Snow Hill, Md.	George Hudson.
Portland, Me.	John Anderson.	Georgetown, D.C.	H. Addison.
Portsmouth, N.H.	George Dennett.	Alexandria, D. C.	George Brent.
Newburyport, Ms.	H. W. Kinsman.	Tappahann'k, Va.	John A. Parker.
Gloucester, Ms.	E. H. Stacey.	Petersburgh, Va.	Hugh Nelson.
Salem, Mass.	James Miller.	Richmond, Va.	Thomas Nelson.
Marblehead, Ms.	James Gregory.	Norfolk, Va.	Conway Whittle.
Boston, Mass.	Rob't Rantoul, Jr.	Ocracoke, N. C.	Sylv'r Brown.
Fall River, Mass.	P. W. Leland.	Wilmington, N.C.	Murphy V. Jones.
Barnstable, Mass.	Eben'r Bacon.	Camden, N. C.	Geo. W. Charles.
N. Bedford, Mass.	Rodney French.	Plymouth, N. C.	Joseph Ramsay.
Edgartown, Ms.	Leavitt Thaxter.	Washington, N.C.	Thos. H. Blount.
Nantucket, Mass.	W. R. Easton.	Newbern, N. C.	T. S. Singleton.
Providence, R. I.	W. R. Watson.	Beaufort, N. C.	James E. Gible.
Bristol, R. I.	Sam. S. Allen.	Charleston, S. C.	Wm. J. Grayson.
Newport, R. I.	W. Littlefield.	Georgetown, S.C.	Thos. L. Shaw.
Alburgh, Vt.	A. W. Hyde.	Savannah, Geo.	Mordecai Myers.
New London, Ct.	C. F. Lester.	Brunswick, Geo.	Edward Hopkins.
New Haven, Ct.	James Donaghe.	St. Mary's, Geo.	Archibald Clark.
Middletown, Ct.	Austin Baldwin.	Mobile, Ala.	Collier H. Minge.
Fairfield, Ct.	Jos. Thompson.	N. Orleans, Lou.	Thos. G. Morgan.
Plattsburgh, N.Y.	Wm. F. Haile.	Teche, Lou.	George Royster.
Ogdensb'gh, N.Y.	David C. Judson.	Cuyahoga, Ohio,	Wm. Milford.
Sackett's Hr. N.Y.	J. O. Dickey.	Miami, Ohio,	Ch. C. P. Hunt.
Genesee, N. Y.	J. R. Livingston.	Sandusky, Ohio,	Elias H. Haines.
Oswego, N. Y.	G. H. McWhorter.	Detroit, Mich.	Edward Brooks.
Niagara, N. Y.	Amos S. Tryon.	Michil'ck, Mich.	S. K. Harring.
Buffalo, N. Y.	J. H. Lathrop.	Pensacola, Flor.	Robert Mitchell.
Sag Harbor, N. Y.	H. T. Dering.	St. Johns, Flor.	James Dell.
New York, N. Y.	Edward Curtis.	Apalachicola, Fl.	Hiram Nourse.
Jersey City,	*H. Southmayd.	St. Augustine, Fl.	A. W. Walker.
Perth Amboy, N.J.	F. W. Brinley.	Port Leon, Flor.	Wm. H. Ware.
G. Egg Harb. N.J.	M. D. Canfield.	Key West, Flor.	A. Gordon.
L. Egg Harb. N.J.	C. H. Page.		

\* And Assistant Collector of New York, to reside at Jersey City.

## POSTMASTERS IN THE CHIEF CITIES AND TOWNS.

[Corrected in the Post Office Department, July 6th, 1843.]

<i>Cities.</i>	<i>Postmasters.</i>	<i>Cities.</i>	<i>Postmasters.</i>
Augusta, Me.	D. C. Weston.	Norwich, Conn.	E. C. Chapman.
Bangor, Me.	C. K. Miller.	Albany, N. Y.	Jas. D. Wasson.
Bath, Me.	Thomas Eaton.	Auburn, N. Y.	W. C. Beardsley.
Brunswick, Me.	Elijah P. Pike.	Batavia, N. Y.	William Seaver.
Calais, Me.	Wm. Goodwin.	Bingh'pton, N. Y.	Tracy Robinson.
Hallowell, Me.	Ichabod Nutter.	Brooklyn, N. Y.	George Hall.
Portland, Me.	Nath. Mitchell.	Buffalo, N. Y.	C. C. Haddock.
Robbinstown, Me.	Josiah H. Vose.	Canandaigua, N. Y.	Jas. M. Wheeler.
Saco, Me.	Th. W. Shannon.	Catskill, N. Y.	T. O. H. Crosswell.
Concord, N. H.	Robert Davis.	Cooperst'n, N. Y.	Robert Davis.
Dover, N. H.	A. A. Tufts.	Elmyra, N. Y.	Levi J. Cooley.
Hanover, N. H.	Jona. Freeman.	Geneva, N. Y.	James Rees.
Keene, N. H.	Chas. L. Putnam.	Hudson, N. Y.	J. McKinstry.
Nashua, N. H.	David Philbrick.	Ithaca, N. Y.	J. M. McCormick.
Portsmouth, N. H.	Samuel Gookin.	Lockport, N. Y.	H. W. Scovel.
Brattleboro', Vt.	F. H. Fessenden.	Newburgh, N. Y.	James Belknap.
Burlington, Vt.	Dana Winslow.	New York, N. Y.	John L. Graham.
Middlebury, Vt.	Charles Bowen.	Ogdensb'gh, N. Y.	P. B. Fairchild.
Montpelier, Vt.	Edwin S. Merrill.	Oswego, N. Y.	James Cochran.
Andover, Mass.	Samuel Phillips.	Owego, N. Y.	Daniel Ely.
Boston, Mass.	Geo. W. Gordon.	Po'keepsie, N. Y.	J. Van Benthysen.
Charlestown, Ms.	John Harris.	Rochester, N. Y.	S. G. Andrews.
Lowell, Mass.	Jacob Robbins.	Rome, N. Y.	J. Hathaway.
Lynn, Mass.	Th. B. Newhall.	Saratoga, N. Y.	Thos. J. Morrin.
Nantucket, Mass.	Samuel H. Jenks.	Schenectady, N. Y.	Wm. C. Bouck.
N. Bedford, Mass.	Simeon Bailey.	Syracuse, N. Y.	J. Earll, Jr.
Newburyport, Ms.	Benj. W. Hale.	Troy, N. Y.	Ch. H. Read.
Northampton, Ms.	Thos. Shepherd.	Utica, N. Y.	A. G. Danby.
Salem, Mass.	C. Foot.	Westpoint, N. Y.	C. Berard.
Springfield, Mass.	Solo. Warriner.	Whitehall, N. Y.	W. H. Kirkland.
Taunton, Mass.	Ch. R. Vickery.	Newark, N. J.	J. K. Mead.
Worcester, Mass.	M. L. Fisher.	N. Brunsw'k, N. J.	John Simpson.
Newport, R. I.	Asher Robins.	Patefson, N. J.	Wm. D. Quin.
Pawtucket, R. I.	David Benedict.	Princeton, N. J.	A. J. Berry.
Providence, R. I.	Edw. J. Mallett.	Trenton, N. J.	John McKelway.
Bridgeport, Conn.	Isaac Sherman.	Carlisle, Penn.	Wm. M. Porter.
Hartford, Conn.	Joseph Pratt.	Chambersb'h, Pa.	D. D. Durborow.
Middletown, Ct.	Eli Wilcox.	Easton, Penn.	Abraham Coryell.
New Haven, Ct.	Henry Huggins.	Erie, Penn.	Andrew Scott.
New London, Ct.	J. H. Turner.	Harrisburg, Pa.	James Peacock.

<i>Cities.</i>	<i>Postmasters.</i>	<i>Cities.</i>	<i>Postmasters.</i>
Holidaysb'h, Pa.	James Caffey.	Florence, Ala.	J. D. Coffee.
Lancaster, Penn.	Mary Dickson.	Greensboro', Ala.	John Street, Sen.
Philadelphia, Pa.	J. C. Montgomery.	Huntsville, Ala.	George Cox.
Pittsburgh, Pa.	Robert M. Riddle.	Mobile, Ala.	J. W. Townsend.
Pottsville, Penn.	John T. Werner.	Montgomery, Ala.	Neill Blue.
Reading, Penn.	Charles Troxell.	Tuscaloosa, Ala.	Wm. D. Marrast.
Wilkesbarre, Pa.	J. P. LeClerc.	Jackson, Miss.	Howell Hobbs.
Wilmington, Del.	Jacob Alricks.	Natchez, Miss.	Woodson Wren.
Baltimore, Md.	T. Finley.	Vicksburgh, Miss.	N. D. Coleman.
Cumberland, Md.	William Lynn.	N. Orleans, Lou.	John B. Dawson.
Frederick, Md.	John Rigney.	Little Rock, Ark.	B. Williams.
Hagerstown, Md.	F. Humrichouse.	Columbia, Tenn.	S. P. Walker.
Alexandria, D. C.	Daniel Bryan.	Knoxville, Tenn.	J. W. Campbell.
Georgetown, D. C.	H. W. Tilley.	Memphis, Tenn.	W. B. Winchester.
Washington, D. C.	William Jones.	Nashville, Tenn.	Rob. Armstrong.
Abingdon, Va.	J. K. Gibson.	Frankfort, Ky.	Wm. Hardin.
Charlottesv'e, Va.	T. Wayt.	Lexington, Ky.	Joseph Ficklin.
Fred'burg, Va.	R. T. Thom.	Louisville, Ky.	L. H. Mosby.
Lynchburg, Va.	Lilburn H. Trigg.	Maysville, Ky.	Jas. W. Coburn.
Norfolk, Va.	A. Galt.	Chilecothe, Ohio,	Charles Martin.
Petersburg, Va.	John Minge.	Cincinnati, Ohio,	W. H. H. Taylor.
Richmond, Va.	B. Peyton.	Cleveland, Ohio,	Benj. Andrews.
Wheeling, Va.	David Agnew.	Columbus, Ohio,	John G. Miller.
Winchester, Va.	John Wall.	Dayton, Ohio,	James Brooks.
Fayetteville, N. C.	John McRae.	Newark, Ohio,	Levi J. Houghey.
Greensboro', N. C.	I. J. M. Lindsay.	Steubenville, O.	Wm. Collins.
Newbern, N. C.	W. G. Bryan.	Toledo, Ohio,	Andrew Palmer.
Raleigh, N. C.	T. G. Scott.	Zanesville, Ohio,	Israel Hage.
Wilmington, N. C.	W. C. Bettencourt.	Ann Arbor, Mich.	Mark Howard.
Camden, S. C.	Phin. Thornton.	Detroit, Mich.	Thos. Rowland.
Charleston, S. C.	Alfred Huger.	Evansville, Ind.	Daniel Chute.
Columbia, S. C.	A. H. Gladden.	Indianapolis, Ind.	John Cain.
Georgetown, S. C.	Wm. McNulty.	Lafayette, Ind.	R. S. Ford.
Yorkville, S. C.	Samuel Melton.	Madison, Ind.	Andrew Collins.
Athens, Ga.	W. L. Mitchell.	New Albany, Ind.	Alex. S. Burnett.
Augusta, Ga.	E. B. Glascock.	Terre Haute, Ind.	Joseph O. Jones.
Columbus, Ga.	G. W. E. Bedell.	Vincennes, Ind.	John Scott.
Darien, Ga.	H. W. Hudnall.	Alton, Ill.	Cyrus Edwards.
Macon, Ga.	K. Tyner.	Chicago, Ill.	William Stuart.
Milledgeville, Ga.	E. Daggett.	Galena, Ill.	R. W. Carson.
Savannah, Ga.	G. Schley.	Jacksonville, Ill.	E. A. Mears.
Apalachicola, Fl.	Geo. F. Baltzell.	Shawneetown, Ill.	John Stickney.
Pensacola, Flor.	H. Kelly.	St. Louis, Mo.	T. Churchill.
Tallahassee, Flor.	Miles Nash.	Milwaukie, W. T.	Solomon Junean.

## II. TABLE OF POPULATION AND APPORTIONMENT

*For the 28th Congress.\**

STATES.	Total population, of all descriptions.	Total slaves, two-fifths to be deducted.	Population to be represented.	Fractions: those which are represented being marked R.	No. of Representatives in 28th Congress.	Present number of Representatives.
Maine,	501,793	—	501,793	7,033	7	8
New Hampshire,	284,574	1	284,573	1,853	4	5
Massachusetts,	737,699	—	737,699	20,899	10	12
Rhode Island,	108,830	5	108,828	38,148 R.	2	2
Connecticut,	309,978	17	309,971	27,251	4	6
Vermont,	291,948	—	291,948	9,228	4	5
New York,	2,428,921	4	2,428,919	25,799	34	40
New Jersey,	373,306	674	373,036	19,636	5	6
Pennsylvania,	1,724,033	64	1,724,007	27,687	24	28
Delaware,	78,085	2,605	77,043	6,363	1	1
Maryland,	470,019	89,737	434,124	10,044	6	8
Virginia,	1,239,797	448,987	1,060,202	2	15	21
North Carolina,	753,419	245,817	655,092	18,972	9	13
South Carolina,	594,398	327,038	463,582	39,502 R.	7	9
Georgia,	691,392	280,944	579,014	13,574	8	9
Alabama,	590,756	253,532	489,343	65,263 R.	7	5
Mississippi,	375,651	195,211	297,566	14,846	4	2
Louisiana,	352,411	168,452	285,030	2,310	4	3
Tennessee,	829,210	183,059	755,986	49,186 R.	11	13
Kentucky,	779,528	182,258	706,924	124	10	13
Ohio,	1,519,457	3	1,519,465	35,185	21	19
Indiana,	685,866	3	685,864	49,744 R.	10	7
Illinois,	476,183	331	476,050	51,970 R.	7	3
Missouri,	383,702	58,240	360,406	7,006	5	2
Arkansas,	97,574	19,935	89,600	18,920	1	1
Michigan,	212,267	—	212,267	227	3	1
					223	242

The following table shows the total number of members by the different ratios since the adoption of the Constitution:

Year 1789,	Fixed by the Constitution,	65 members.
" 1793,	Ratio of 33,000,	105 "
" 1803,	" 33,000,	141 "
" 1813,	" 35,000,	181 "
" 1823,	" 40,000,	212 "
" 1833,	" 47,700,	242† "
" 1843,	" 70,680,	223 "

The number of Electors of President under the apportionment will be 275, of whom 138 will be necessary for a choice.

\* A list of members of the 28th Congress will be found in the Appendix to this Vol.

† Including Michigan and Arkansas, admitted into the Union in 1836.



## III. THE JUDICIARY.

## SUPREME COURT.

	Residence.		Appointed.	Salary.
Roger B. Taney,	Baltimore, Md.	<i>Chief Justice,</i>	1836,	\$5,000
Joseph Story,	Cambridge, Mass.	<i>Associate Justice,</i>	1811,	4,500
Smith Thompson,	New York, N. Y.	<i>do.</i>	1823,	4,500
John McLean,	Cincinnati, Ohio,	<i>do.</i>	1829,	4,500
Henry Baldwin,	Meadville, Pa.	<i>do.</i>	1830,	4,500
James M. Wayne,	Savannah, Ga.	<i>do.</i>	1835,	4,500
John McKinley,	Florence, Ala.	<i>do.</i>	1837,	4,500
John Catron,	Nashville, Tenn.	<i>do.</i>	1837,	4,500
Peter Y. Daniels,	Richmond, Va.	<i>do.</i>	1841,	4,500
John Nelson,	Baltimore, Md.	<i>Attorney-General,</i>	1843,	4,000
Benj. C. Howard,	Baltimore, Md.	<i>Reporter,</i>	1843,	1,000
William T. Carroll,	Washington,	<i>Clerk,</i>		1,000
Alexander Hunter,	Washington,	<i>Marshal,</i>		Fees, &c.

The Supreme Court is held in the City of Washington, and has one session annually, commencing on the 2d Monday of January.

## \* DISTRICT COURTS:—JUDGES, ATTORNEYS,

Districts.	Judges.	Residence.	Salary.	Attorneys.	Pay.
1 Maine,	Ashur Ware,	Portland,	\$1,800	Gorham Parks,	\$200 & f.
2 N. Hampshire,	Matthew Harvey,	Hopkinton,	1,000	Joel Eastman,	200 do.
3 Vermont,	Samuel Prentiss,	Montpelier,	1,200	Charles Davis,	200 do.
4 Massachusetts,	Peleg Sprague,	Boston,	2,500	Franklin Dexter,	F's. &c.
5 Rhode Island,	John Pitman,	Providence,	1,500	R. W. Greene,	200 & f.
6 Connecticut,	A. T. Judson,	Canterbury,	1,500	Charles Chapman,	200 do.
7 N. Y. { N. Dist.	A. Conkling,	Auburn,	2,000	J. A. Spencer,	200 do.
8 { S. Dist.	Samuel R. Betts,	New York,	3,500	Ogden Hoffman,	F's. &c.
9 New Jersey,	Ph. Dickerson,	Paterson,	1,500	James S. Greene,	200 & f.
10 Pa. { E. Dist.	Archib'd Randall,	Philadelphia,	2,500	H. M. Waits,	F's. &c.
11 { W. Dist.	Thomas Irwin,	Pittsburg,	1,800	Cornelius Darragh,	200 & f.
12 Delaware,	Willard Hall,	Wilmington,	1,500	William H. Rogers,	F's. &c.
13 Maryland,	Upton S. Heath,	Baltimore,	2,000	Z. Collins Lee,	F's. &c.
14 Va. { E. Dist.	John Y. Mason,	Southampton,	1,800	R. C. Nicholas,	200 & f.
15 { W. Dist.	I. S. Pennybacker,	Harrisonburg,	1,600	Moses C. Goode,	200 do.
16 North Carolina,	Henry Potter,	Raleigh,	2,000	Duncan R. McRae,	200 do.
17 South Carolina,	R. B. Gilchrist,	Charleston,	2,500	Edward McCrady,	200 do.
18 Georgia,	John C. Nicoll,	Savannah,	2,500	Alexander Drysdale,	200 do.
19 Ala. { S. Dist.	Wm. Crawford,	Mobile,	2,500	G. J. S. Walker,	200 do.
20 { N. Dist.				J. A. S. Acklin,	200 do.
21 Miss. { N. Dist.	S. J. Gholson,	Athens,	2,000	Oscar F. Bledsoe,	200 do.
22 { S. Dist.				R. M. Gaines,	200 do.
23 La. { E. Dist.	T. H. McCaleb,	New Orleans,	3,000	Baillie Peyton,	600 do.
24 { W. Dist.				Caleb L. Swayze,	200 do.
25 Tenn. { W. Dist.	M. B. Brown,	Nashville,	1,500	H. W. McCorry,	200 do.
26 { E. Dist.				John M. Lea,	200 do.
27 Kentucky,	Th. B. Monroe,	Frankfort,	1,500	Crawford W. Hall,	200 do.
28 Ohio,	H. H. Leavitt,	Steubenville,	1,000	P. S. Loughborough,	200 do.
29 Indiana,	E. M. Huntington,	Terre Haute,	1,000	Charles Anthony,	200 do.
30 Illinois,	Nathaniel Pope,	Kaskaskia,	1,000	Courtland Cushing,	200 do.
31 Missouri,	Robert W. Wells,	Jefferson City,	1,200	Justin Butterfield,	200 do.
32 Michigan,	Ross Wilkins,	Detroit,	1,500	Montgomery Blair,	200 do.
33 Arkansas,	Benj. Johnson,	Little Rock,	2,000	George C. Bates,	200 do.
34 D. Columbia,	William Cranch,	Washington,	2,700	G. D. Royston,	200 do.
				Philip R. Fendall,	F's. &c.

\* Corrected at the Department of State, June 27, 1843.

## CIRCUIT COURTS.

The United States are divided into the following nine judicial circuits, in each of which a Circuit Court is held twice every year, for each State within the circuit, by a Justice of the Supreme Court, assigned to the circuit, and by the District Judge of the State or District in which the Court sits.

		Presiding Judge.
1st Circuit,	Maine, New Hampshire, Mass. and R. I.,	Mr. Justice Story.
2d do.	Vermont, Connecticut, and New York,	Mr. Justice Thompson.
3d do.	New Jersey and Pennsylvania,	Mr. Justice Baldwin.
4th do.	Delaware, Maryland, and Virginia,	Mr. Chief Just. Taney.
5th do.	Alabama and Louisiana,	Mr. Justice Daniels.
6th do.	N. Carolina, S. Carolina, and Georgia,	Mr. Justice Wayne.
7th do.	Ohio, Indiana, Illinois, and Michigan,	Mr. Justice McLean.
8th do.	Kentucky, Tennessee, and Missouri,	Mr. Justice Catron.
9th do.	Mississippi and Arkansas,	Mr. Justice McKinley.

There is a local Circuit Court held by three Judges in the District of Columbia, specially appointed for that purpose. The Chief Justice of that Court sits also as District Judge of that District.

## MARSHALS AND CLERKS.

Marshals.	Residence.	Pay.	Clerks.	Residence.	Pay.
1 John D. Kinsman,	Portland,	\$200 & f's.	John Mussey,	Portland,	Fees.
2 J. W. Kelley,	Salisbury,	200 do.	C. W. Cutter,	Portsmouth,	do.
3 William Barron,	Bradford,	200 do.	E. H. Prentiss,	Montpelier,	do.
4 Solomon Lincoln,	Boston,	Fees, &c.	Francis Bassett,	Boston,	do.
5 S. Hartshorn,	Providence,	200 & f.	John T. Pitman,	Providence,	do.
6 John B. Eldredge,	Hartford,	200 do.	C. A. Ingersoll,	New Haven,	do.
7 Clark Robinson,	Buffalo,	200 do.	R. B. Miller,	Utica,	do.
8 Silas M. Stilwell,	New York,	Fees, &c.	Fred. J. Betts,	New York,	do.
9 J. A. Simpson,	Trenton,	200 & f.	Rob. D. Spencer,	Mt. Holly,	do.
10 George M. Keim,	Philadelphia,	Fees, &c.	F. Hopkinson,	Philadelphia,	do.
11 Henry C. Bosler,	Meadville,	200 & f.	E. J. Roberts,	Pittsburg,	do.
12 Nathaniel Wolfe,	Newcastle,	200 do.	W. A. Mendenhall,	Wilmington,	do.
13 T. B. Pottinger,	Baltimore,	Fees, &c.	Thomas Spicer,	Baltimore,	do.
14 E. Christian,	Richmond,	200 & f.	Henry Gibson,	Richmond,	do.
15 James Points,	Staunton,	200 do.	— Moore,	Clarksburg,	do.
16 Wesley Jones,	Raleigh,	400 do.	W. H. aywood,	Raleigh,	do.
17 Thos. D. Condy,	Charleston,	Fees, &c.	James Jarvey,	Charleston,	do.
18 Edward Harden,	Savannah,	do.	George Glenn,	Savannah,	do.
19 W. Armistead,	Mobile,	200 & f.	D. Files,	Mobile,	do.
20 Benj. Pattenon,	Huntsville,	200 do.	C. R. Clifton,	Huntsville,	do.
21 A. K. McClung,	Pontotock,	200 do.	William Burns,	Jackson,	do.
22 Anderson Miller,	Vicksburg,	200 do.	N. R. Jennings,	N. Orleans,	do.
23 A. S. Robertson,	N. Orleans,	200 do.	Caleb Green,	do.	do.
24 G. Fontenot,	Opelousas,	200 do.	N. A. McNairy,	Nashville,	do.
25 R. J. Chester,	Jackson,	200 do.	W. C. Mynatt,	Knoxville,	do.
26 B. H. Sheppard,	Nashville,	200 do.	J. H. Hauna,	Frankfort,	do.
27 R. M. Woods,	Greenville,	200 do.	William Miner,	Columbus,	do.
28 W. B. Blackburn, jr.	Versailles,	200 do.	Henry Hurst,	Corydon,	do.
29 John McElvain,	Columbus,	200 do.	J. F. Oroings,	Springfield,	do.
30 Robert Hanna,	Indianapolis,	200 do.	Joseph Gamble,	St. Louis,	do.
31 William Prentiss,	Springfield,	200 do.	John Winder,	Detroit,	do.
32 Weston F. Birch,	Fayette,	200 do.	William Brent,	Washington,	do.
33 Joshua Howard,	Detroit,	200 do.			
34 Henry M. Rector,	Little Rock,	200 do.			
35 Alexander Hunter,	Washington,	Fees, &c.			

PLACES AND TIMES OF HOLDING THE DISTRICT AND CIRCUIT COURTS  
OF THE UNITED STATES.

*District Courts.*

MAINE.	{ <i>Wiscasset</i> — 1st Tuesday in September; — <i>Portland</i> — 1st Tuesday in February and December; — <i>Bangor</i> — 4th Tuesday in June.
N. HAMPSHIRE.	{ <i>Portsmouth</i> — 3d Tuesday in March and Sept.; — <i>Exeter</i> — 3d Tuesday in June and December.
VERMONT.	<i>Rutland</i> — 6th of Oct.; — <i>Windsor</i> — 24th of May.
MASSACHUSETTS.	{ <i>Boston</i> — 3d Tuesday in March, 4th Tues. in June, 2d Tuesday in Sept., and 1st Tuesday in Dec.
RHODE ISLAND.	{ <i>Newport</i> — 2d Tuesday in May, and 3d in October; — <i>Providence</i> — 1st Tues. in Aug. and February.
CONNECTICUT.	{ <i>New Haven</i> — 4th Tues. in February and August; — <i>Hartford</i> — 4th Tuesday in May and Nov.
NEW YORK, S. DISTRICT.	{ <i>New York</i> — 1st Tuesday of each month.
NEW YORK, N. DISTRICT.	{ <i>Albany</i> — 3d Tuesday in January; — <i>Utica</i> — 2d Tuesday in July; — <i>Rochester</i> — 3d Tuesday in May; — <i>Buffalo</i> — 2d Tuesday in October. — One term annually in the county of St. Lawrence, Clinton, or Franklin, at such time and place as the judge may direct.
NEW JERSEY.	{ <i>New Brunswick</i> — 2d Tuesday in March and September; — <i>Burlington</i> — 3d Tuesday in May and November.
PENNSYLVANIA, E. DISTRICT.	{ <i>Philadelphia</i> — 3d Monday in February, May, August, and November.
PENNSYLVANIA, W. DISTRICT.	{ <i>Pittsburg</i> — 1st Monday in May, and 1st Monday in October; — <i>Williamsport</i> — 1st Monday in October.
DELAWARE,	{ <i>Newcastle &amp; Dover</i> — alternately, on the 4th Tuesday in Nov. 1789; and three other sessions progressively, on the 4th Tuesday of every 3d calendar month.
MARYLAND.	{ <i>Baltimore</i> — on the 1st Tuesday in March, June, September, and December.
COLUMBIA.	<i>Washington</i> — 1st Monday in June and December.
VIRGINIA, E. DISTRICT.	{ <i>Richmond</i> — 12th of May, and 12th of November; — <i>Norfolk</i> — 1st of May, and 1st of November.
VIRGINIA, W. DISTRICT.	{ <i>Staunton</i> — 1st day of May, and 1st day of October; — <i>Wythe Court House</i> — 3d Monday in April and Sept.; — <i>Charleston</i> — Wednesdays after the 2d Monday in April and Sept.; — <i>Clarksburg</i> — 4th Monday in May and October — <i>Wheeling</i> — March 25, and October 25.
N. CAROLINA.	{ <i>Edenton</i> — 3d Monday in April and Oct.; — <i>Newbern</i> — 4th Monday in April and Oct.; — <i>Wilmington</i> — 1st Monday after the 4th Monday in April and Oct.

S. CAROLINA,	{	<i>Charleston</i> —3d Monday in March and Sept.; 1st Monday in July, and 2d Monday in Dec.;— <i>Lawrens Court House</i> —the next Tuesday after the adjournment of the Circuit Court at Columbia.
GEORGIA.		<i>Savannah</i> —2d Tues. in Feb., May, Aug., and Nov.
ALA., N. DIST.		<i>Huntsville</i> —2d Monday in April and October.
ALABAMA, M. DISTRICT.	{	<i>Tuscaloosa</i> —4th Monday in May, and 1st Monday after the 4th Monday in Nov.
ALA., S. DISTRICT.		<i>Mobile</i> —1st Monday in May, and 2d Monday in Dec.
MISSISSIPPI,		<i>Jackson</i> —4th Monday in January and June.
LA., E. DISTRICT.		<i>New Orleans</i> —2d Monday in December.
LA., W. DISTRICT.		<i>Opelousas Court House</i> —2d Monday in June.
TENNESSEE, E. DISTRICT.	{	<i>Knoxville</i> —3d Monday in April and October.
TENNESSEE, W. DISTRICT.	{	<i>Nashville</i> —4th Monday in May and November;— <i>Jackson</i> —2d Monday in October and April.
KENTUCKY.	{	<i>Frankfort</i> —1st Monday in May, and 3d Monday in November.
OHIO.	{	<i>Cincinnati</i> —1st Monday in July;— <i>Columbus</i> —4th Monday in December.
MICHIGAN.	{	<i>Detroit</i> —3d Monday in June, and 2d Monday in October.
INDIANA.		<i>Indianapolis</i> —last Monday in May and November.
ILLINOIS.		<i>Vandalia</i> —1st Monday in May and December.
MISSOURI.		<i>Jefferson City</i> —1st Monday in March and Sept.
ARKANSAS.		<i>Little Rock</i> —1st Monday in October.

## Circuit Courts.

MAINE.		<i>Portland</i> —1st May and 1st October.
N. HAMPSHIRE.		<i>Portsmouth</i> —8th May;— <i>Exeter</i> —8th October.
VERMONT.		<i>Windsor</i> —21st May;— <i>Rutland</i> —3d October.
MASSACHUSETTS.		<i>Boston</i> —15th May and 15th October.
RHODE ISLAND.		<i>Newport</i> —15th June;— <i>Providence</i> —15th Nov.
CONNECTICUT.	{	<i>New Haven</i> —4th Tuesday in April;— <i>Hartford</i> —3d Tuesday in September.
NEW YORK, S. DISTRICT.	{	<i>New York</i> —last Monday in Feb., 1st Monday in April, last Monday in July and November.
N. DISTRICT.	{	<i>Albany</i> —3d Tuesday in October;— <i>Canandaigua</i> —Tuesday next after 3d Monday in June.
NEW JERSEY,		<i>Trenton</i> —1st April and 1st October.
PENNSYLVANIA, E. DISTRICT.	{	<i>Philadelphia</i> —11th April and 11th October.
W. DISTRICT.	{	<i>Pittsburg</i> —3d Monday in May and November;— <i>Williamsport</i> —3d Monday in June and Sept.
DELAWARE.	{	<i>Newcastle</i> —Tuesday following 4th Monday in May— <i>Dover</i> —Tuesday following 3d Monday in Oct.
MARYLAND.		<i>Baltimore</i> —1st Monday in November.

VIRGINIA,	
E. DISTRICT.	<i>Richmond</i> — 1st Mon. in May and 4th Mon. in Nov.
W. DISTRICT.	<i>Lewisburg</i> — 1st Monday in August.
N. CAROLINA.	<i>Raleigh</i> — 4th Monday in May and 2d Mon. in Dec.
S. CAROLINA.	<i>Charleston</i> — 2d Tuesday in April:— <i>Columbia</i> — 4th Monday in November.
GEORGIA.	<i>Savannah</i> — Thursday after the 1st Monday in May; — <i>Milledgeville</i> — Thursday after the 1st Monday in November.
ALABAMA,	
S. DISTRICT.	<i>Mobile</i> — 2d Monday in March and 4th Mond. in Nov.
N. DISTRICT.	<i>Huntsville</i> — 1st Monday in June.
MISSISSIPPI.	<i>Jackson</i> — 1st Monday in May and November.
LOUISIANA,	
E. DISTRICT.	<i>New Orleans</i> — 1st Monday in April, and 3d Monday in December.
TENNESSEE.	<i>Nashville</i> — 1st Monday in March and September; — <i>Knoxville</i> — 3d Monday in April and October; — <i>Jackson</i> — 2d Monday in October and April.
KENTUCKY.	<i>Frankfort</i> — 1st Monday in May, and 3d Monday in November.
OHIO.	<i>Cincinnati</i> — 1st Monday in July; — <i>Columbus</i> — 3d Monday in December.
MICHIGAN.	<i>Detroit</i> — 3d Monday in June, and 2d Monday in October.
INDIANA.	<i>Indianapolis</i> — 1st Monday in December.
ILLINOIS.	<i>Vandalia</i> — Last Monday in November.
MISSOURI.	<i>St. Louis</i> — 1st Monday in April.
ARKANSAS.	<i>Little Rock</i> — 4th Monday in March.
DISTRICT OF	<i>Washington</i> — 4th Monday in March and November;
COLUMBIA.	— <i>Alexandria</i> — 1st Monday in May and October.

#### IV. INTERCOURSE WITH FOREIGN NATIONS.—JULY, 1843.

The *pay* of Ministers Plenipotentiary is \$9,000 per annum, as salary, besides \$9,000 for outfit. The pay of *Chargés d'Affaires* is \$4,500 per annum; of Secretaries of Legation, \$2,000; of Ministers Resident, \$6,000.

The government of the United States is represented by Ministers Plenipotentiary at the courts of Great Britain, France, Russia, Prussia, Austria, Spain, Brazil, and Mexico; and by *Chargés d'Affaires* at the courts of most of the other foreign countries with which this country is much connected by commercial intercourse.

#### 1. MINISTERS AND DIPLOMATIC AGENTS OF THE UNITED STATES IN FOREIGN COUNTRIES.

##### *Ministers Plenipotentiary in 1843.*

		Appointed.	Foreign States.	Capitals.
Edward Everett,	Mass.	1841	Great Britain,	London.
<i>Vacant.</i>			France,	Paris.
Charles S. Todd,	Ken.	1841	Russia,	St. Petersburg.
Henry Wheaton,	R. I.	1837	Prussia,	Berlin.
Daniel Jenifer,	Md.	1841	Austria,	Vienna.
Waddy Thompson,	S. C.	1842	Mexico,	Mexico.
George H. Proffit,	Ind.	1843	Brazil,	Rio Janeiro.
Washington Irving,	N. Y.	1842	Spain,	Madrid.

*Commissioners.*

		Appointed.	Foreign States.	Salary.
Caleb Cushing,	Mass.	1843	China.	\$9,000.
George Brown,	Mass.	1843	Sandwich Isles.	3,000.

*Secretaries of Legation.*

Francis R. Rives,	G. Britain.	Alexander Hamilton, Jr.	Spain.
Henry Ledyard,	France.	Robert M. Walsh,	Brazil.
John S. Maxwell,	Russia.	B. E. Green,	Mexico.
Theodore S. Fay,	Prussia.	Fletcher Webster,	China.
Thomas H. Morris,	Austria.		

*Minister Resident.*

		Appointed.	
<i>Vacant.</i>		Turkey,	Constantinople.

John P. Brown, *Dragoman to the Legation.* Salary, \$2,500.

*Chargés d'Affaires in 1843.*

		Appointed.	
Christopher Hughes,	Md.	1842	Netherlands,
Henry W. Hilliard,	Ala.	1842	Belgium,
George W. Lay,	N. Y.	1842	Sweden,
William W. Irwin,	Pa.	1843	Denmark,
William M. Blackford,	Va.	1842	New Grenada,
Allen A. Hall,	Tenn.	1841	Venezuela,
John S. Pendleton,	Va.	1841	Chili,
James C. Pickett,	Va.	1838	Peru,
William S. Murphy,	Ohio.	1843	Texas,
William Boulware,	Va.	1841	Two Sicilies,
Ambrose Baber,	Ga.	1841	Sardinia,
Washington Barrow,		1841	Portugal,
			Hague.
			Brussels.
			Stockholm.
			Copenhagen.
			Bogotá.
			Caraccas.
			Santiago.
			Lima.
			Washington.
			Naples.
			Turin.
			Lisbon.

2. LIST OF CONSULS AND COMMERCIAL AGENTS OF THE UNITED STATES IN FOREIGN COUNTRIES, AND OF THE PLACES OF THEIR RESIDENCE; — *Corrected in the Department of State to July 1st, 1843.*

☞ Those marked thus \* are *Commercial Agents.*

**ARGENTINE REPUBLIC, OR BUENOS****AYRES.**

Amory Edwards, Buenos Ayres.

**AUSTRIA.**

J. G. Schwartz, Vienna.  
George Moore, Trieste.  
Albert Dabadie, Venice.

**BARBARY STATES.**

John F. Mullowny, { Tangier,  
Morocco.  
John H. Payne, Tunis, Tunis.  
Dan. S. Macauley, Tripoli, Tripoli.

**BAVARIA.**

Robert D. Ruedorffer, Munich.

**BELGIUM.**

Samuel Haight, Antwerp.

**BRAZIL.**

Charles B. Allen, Maranham Isl.  
Charles J. Smith, Para.  
G. T. Snow, Pernambuco.  
George W. Slacum, Rio Janeiro.  
George Black, Santos.  
Lemuel Wells, { St. Catherine's  
Island.

John C. Pedrick, Rio Grande.  
 Alex. H. Tyler, { Bahia de San  
                                 Salvador.

## CENTRAL AMERICA.

Stephen H. Weems, Guatemala.  
 William A. Butler, Grenada.

## CHILI.

Eben. R. Dorr, Valparaiso.  
 P. H. Delano, Talcahuano.  
 Samuel F. Haviland, Coquimbo.

## CHINA.

Paul S. Forbes, Canton.

## DENMARK.

Charles F. Ryan, Copenhagen.  
 Edmund L. Rainals, Elsinour.

*Danish Islands.*

David Rogers, Santa Cruz.

## EGYPT, Pasha of

John Gliddon, Alexandria.

## EQUATOR.

Seth Sweetser, Guayaquil.

## FRANCE.

Lorenzo Draper, Paris.  
 N. Berry, Lyons.  
 Reuben G. Beasley, Havre.  
 John W. Grigsby, Bordeaux.  
 Daniel C. Croxall, Marseilles.  
 Thomas Hulme, Sedan.  
 Essex R. Livingston, Nantes.  
 J. Marks, La Rochelle.

*West Indies.*

John W. Fisher, { Pointe-a  
                                 Pitre, Guade-  
                                 loupe.  
 Philip A. de Cr ny, { St. Pierre,  
                                 Martinique.

*Africa.*

Francis Lacrouts, Algiers.

## GREAT BRITAIN.

*England.*

Thomas Aspinwall, London.  
 Joshua Garsed, Jr., Hull.  
 James Hagarty, Liverpool.  
 Francis B. Ogden, Bristol.  
 Robert W. Fox, Falmouth.  
 Thomas Were Fox, Plymouth.  
 William Whetten, Cowes.

*Scotland.*

Robert Grieve, Leith.  
 Edward Baxter, Dundee.  
 Alexander Thomson, Glasgow.

*Ireland.*

Thomas Wilson, Dublin.  
 James Shaw, Belfast.  
 James McHenry, Londonderry.  
 John Murphy, Cork.  
 Thomas M. Persse, Galway.

*In and near Europe and Africa.*

Horatio Sprague, Gibraltar.  
 Wm. W. Andrews, Isl. of Malta.  
 \* Wm. Carroll, Isl. St. Helena.  
 Isaac Chase, Cape-Town.  
 \* W. H. H. Griffiths, { Port-Louis,  
                                 Mauritius.

*North America.*

Israel D. Andrews, St. John's, N. B.  
 T. B. Livingston, Halifax, N. S.  
 James Primrose, Pictou, N. S.  
 Chas. H. Delavan, Sidney, N. S.

*West Indies.*

Wm. T. Tucker, Bermuda.  
 Timothy Darling, { Nassau, Baha-  
                                 ma Islands.  
 John Wilkeson, Turk's Island.  
 Robert M. Harrison, Kingston, Ja.  
 \* R. S. Higinbothom, { St. Christo-  
                                 pher and An-  
                                 tigua.  
 Wm. R. Hayes, Barbadoes.  
 Wm. Macomb, Trinidad.

*South America.*

Moses Benjamin, { Demerara,  
British Guiana.

*Australia.*

James H. Williams, { Sydney, New  
S. Wales.  
Elisha Hathaway, Jr. Hobart Town.

*East Indies.*

Joseph Balestier, Singapore.  
Bombay.  
James B. Higginson, Calcutta.

## GREECE.

G. A. Perdicaris, Athens.

## HAYTI, OR ST. DOMINGO.

Francis D. Cummins, Pt. au Prince.  
Wm. B. Gooch, Aux Cayes.  
Geo. F. Ushur, Cape Haytien.

## HANSEATIC, OR FREE CITIES.

John Cuthbert, Hamburg.  
A. D. Mann, Bremen.  
Ernest Schwendler, { Frankfort on  
the Maine.

HESSE, *Grand-Duchy of*

Charles Graebe, Cassel.

## MEXICAN REPUBLIC.

John Black, Mexico.  
Chihuahua.  
Manuel Alvarez, Santa Fé.  
Franklin Chase, { Tampico or  
Santa Anna  
de Tamauli-  
pas.  
Isaac D. Marks, Matamoros.  
F. M. Dimond, { Vera Cruz and  
Alvarado.  
Edward Porter, Tabasco.  
Leonard R. Almy, { Laguna,  
Carmen Isl.  
John F. McGregor, Campeachy.  
Thomas O. Larkin, Monterey.  
John Parrott, Mazatlan.

José Maria Castanos, San Blas.  
John A. Robinson, Guaymas.  
Chas. Thompson, Jr. { Merida,  
(Yucatan.)

MUSCAT, *Dominion of the  
Imaum of*

Syed Ben Calfaun, Muscat.  
Richard P. Waters, { Isl. Zanzibar,  
near E. coast  
of Africa.

## THE NETHERLANDS, OR HOLLAND.

Charles Nichols, Amsterdam.  
W. S. Campbell, Rotterdam.

*Colonies.*

W. H. Freeman, Curaçao, W. I.  
O. M. Roberts, Batavia, Java.

## NEW GRENADA.

Ramon L. Sanchez, Carthagen.  
Th. W. Robeson, Santa Martha.  
Wm. Nelson, Panama.

PACIFIC ISLANDS, *Independent.*

S. R. Blackler, Otaheite, Soc. I.  
\*P. A. Brinsmade, Woahoo, San. I.  
Jno. B. Williams, { Bay of Islands,  
N. Zealand.

## PERU.

F. L. Castelnau, Lima.  
Alex. Ruden, Jr., Paita.

## PORTUGAL.

Wm. H. Vesey, Lisbon.  
Wm. H. Vesey, { St. Ubes, or  
Setuval.  
Louis Tinelli, Oporto.

*Islands.*

Chas. W. Dabney, Fayal, Azores.  
John H. March, Funchal, Mad.  
Ferd. Gardner, { St. Jago,  
Cape Verd.

## PRUSSIA.

Frederick Schillow, Stettin.



Geo. W. Pell, { Westphalia and  
Prussian Prov.  
of the Rhine.

Wm. H. Tracy, Guayama.  
O. S. Morse, St. Johns.

#### ROME, OR PONTIFICAL STATES.

George W. Greene, Rome.  
James E. Freeman, Ancona.

#### RUSSIA.

A. P. Gibson, St. Petersburg.  
Alex. Schwartz, Riga.  
Edmund Brandt, Archangel.  
John Ralli, Odessa.

#### SARDINIA, Kingdom of

C. Edwards Lester, Genoa.  
Victor A. Sasserno, Nice.

#### SAXONY.

John G. Flügel, Leipsic.  
Dresden.

#### SPAIN.

Maximo de Aguirre, Bilboa.  
Alexander Burton, Cadiz.  
George Read, Malaga.  
P. Pou, Barcelona.  
Obadiah Rich, Port Mahon.

#### Cuba.

Robert B. Campbell, Havana.  
Thomas M. Rodney, Matanzas.  
Hiram P. Hastings, { Trinidad de  
Cuba.  
Michael Mahon, { Santiago de  
Cuba.  
John Hartman, Baracoa.  
Wm. H. Freeman, Nuevitas.  
Samuel McLean, Cien Fuegos.  
Xibara.  
Franklin Gage, Cardenas.

#### Puerto Rico.

James C. Gallaher, Ponce.  
Gurdon Bradley, Mayaguez.

#### Other Spanish Islands.

Joseph Cullen, Teneriffe, Canary.  
H. P. Sturgis, Manilla, Philipp.

#### SWEDEN AND NORWAY.

C. D. Arfwedson, Stockholm.  
C. A. Murray, Gothenburg.  
Helmich Janson, Bergen.

#### SWITZERLAND.

Stephen Powers, Basil or Basle.  
Henry Mahler, Zurich.

#### TEXAS.

Morgan L. Smith, Velasco.  
A. M. Green, Galveston.  
W. W. J. Smith, Matagorda.  
Stewart Newell, Sabine.

#### TURKEY.

George A. Porter, Constantinople.  
David W. Offley, Smyrna.  
Jasper Chasseaud, for all Syria.

#### TUSCANY.

Joseph A. Binda, Leghorn.  
Edward Gamage, Florence.

#### TWO SICILIES.

Alexander Hammett, Naples.  
John M. Marston, Palermo.  
John L. Payson, Messina.

#### URUGUAY OR CISPLATINE REPUBLIC.

Robert M. Hamilton, Monte Video.

#### VENEZUELA.

Franklin Litchfield, Puerto Cabello.  
John P. Adams, Laguayra.

#### WURTEMBERG.

Frederick List.

## 3. FOREIGN MINISTERS AND THEIR SECRETARIES,

*Accredited to the Government of the United States.*

<i>Foreign States.</i>	<i>Envoys Ex. &amp; Min. Plen.</i>	<i>Secretaries, &amp;c.</i>
Great Britain,	Henry S. Fox,	James Hudson,
France,	M. Alph. Pageot,	Chatry Lafosse.
"		M. de Sampayo, <i>Attaché</i> .
Russia,	Alexander Bodisco,	George Khremer.
"		Mr. de Stoechal, <i>Attaché</i> .
Spain,	Chevalier D'Argaiz,	Sr. Tacon.
"		Mr. Liguez y Bardaxi, <i>Attaché</i> .
Mexico,	Don J. N. Almonte.	
"		Angel Cos, <i>Sec. of Leg.</i>
Argentine Rep.	Carlòs Maria de Alvear,	<i>Min. Plenip. &amp; Extraord.</i>

*Ministers Resident.*

Prussia,	Baron Roenne.
Portugal,	J. C. de Figanieri e Morao.
Brazil,	Chev. Gaspar José de Lisboa.

*Chargés d'Affaires.*

Netherlands,	Chev'r J. C. Gevers.	
Belgium,	M. Charles Serruys,	Baron A. Vanderstraten Ponthou,
Austria,	Chevalier Hulsemann.	[ <i>Sec. of Leg.</i> ]
Sweden,	Chevalier Gustavus de Nordin.	
Denmark,	M. Steen de Billé.	
Sardinia,	Count de Colobiano.	
Texas,	Isaac Van Zandt.	

## 4. FOREIGN CONSULS AND VICE CONSULS IN THE UNITED STATES.\*

*A List of Foreign Consuls and Vice-Consuls in the United States, for whom Exequaturs have been issued from the Department of State.*

☞ Those marked thus \* are *Consuls-General*;—thus † *Vice-Consuls*;—the rest *Consuls*.

*Austria.*

J. W. Langdon,	Boston.
† Joseph Ganahl,	Savannah.
C. J. Hohenburger,	N. Orleans.

*Baden.*

* Johan. W. Schmidt,	New York.
Frederick Frey,	New Orleans.
† Jacob H. Eimer,	New Orleans.

*Bavaria.*

G. Hienrich Siemon,	New York.
C. Fred. Hagedorn,	Philadelphia.

*Belgium.*

† Loring F. Wheeler,	Eastport.
Thomas A. Deblois,	Portland.
Henry G. T. Mali,	New York.

\* This list is necessarily imperfect in some degree, as no official record of the foreign consuls in the United States is kept at any of the public offices. Every exertion is made to render it as correct as possible.

†Hippolyte Mali, New York.  
 †John D. Bates, Boston.  
 Joseph M. Moss, Philadelphia.  
 Samuel D. Walker, Baltimore.  
 A. W. Nölling, Richmond.  
 Auguste Branda, Norfolk.  
 George A. Hopley, Charleston.  
 John C. Ferrill, Savannah.  
 Charles Auzé, Mobile.  
 †William Porter, Apalachicola.  
 †Th. A. Pinckney, Key West.  
 Edward Mallard, New Orleans.

*Brazil.*

\*L. H. F. DeAguiara.  
 Archibald Foster, Mass., N.H., and  
 Maine, Boston.  
 †Geo. S. Wardwell, Providence.  
 †C. Griffin, Connecticut.  
 †L. F. De Figanieri, New York.  
 †Edward S. Sayres, Philadelphia.  
 †Geo. H. Newman, Baltimore.  
 †Christopher Neale, Dist. of Colum.  
 †Myer Myers, Norfolk.  
 †Jn. P. Calhorda, Wilming'n, N.C.  
 †S. Chadwick, S. C. Charleston.  
 †John W. Anderson, Savannah.  
 Jas. W. Zacharie, Louisiana and  
 Alabama.

*Bremen.*

Herman Oelrichs, New York.  
 Christop. F. Plate, Philadelphia.  
 Albert Schumacker, Baltimore.  
 Thomas Searle, Boston.  
 Ant. Ch. Cazenove, Dist. of Col.  
 Lewis Trapman, Charleston.  
 Eleazer Crabtree, Savannah, Ga.  
 Freder'k Rodewald, New Orleans.

*Brunswick.*

Johann D. Kleudgen, New York.

*Chili.*

Franklin H. Delaño, New York.

*Denmark.*

†Samuel Beck, N. York, Conn., and  
 part of N. J., New York.

George M. Thatcher, Mass., Me.,  
 N. H. and R. I., Boston.  
 †Christopher Neale, Dist. of Colum-  
 bia and the ports on the Potomac.  
 †Frederick Myers, Virginia, (ports  
 on the Potomac excepted,) to re-  
 side at Norfolk.  
 †P. K. Dickinson, Wilmington, N. C.  
 W. Crabtree, Georgia.  
 J. F. C. F. Ules, N. Orleans.

*Ecuador.*

James H. Causten, Washington.  
 Samuel Sweetser, Philadelphia.

*France.*

\*De la Foret, New York.  
 Max Isnard, Boston.  
 De Sieur Dannery, New York.  
 M. B. B. de L. D'Hautrieve, Philad.  
 Sr. Pillavoine, Baltimore.  
 Ct. de Montholon, Richmond.  
 †J. Pickett, Boston.  
 †J. B. A. M. Desèze, Norfolk.  
 De L. de Villeret, Savannah.  
 †Louia Julienne, Natchez.  
 †B. Martigny, Philadelphia.  
 Jean J. Aversenc, Mobile.  
 Aimé Roger, New Orleans.  
 Count de Choiseul, Charleston.

*Frankfort on the Maine.*

Fred. Wysmann, New York.  
 Arnold Halbach, Philadelphia.

*Great Britain.*

Joseph J. Sherwood, Portland.  
 Th. Colley Grattan, Mass., Boston.  
 †E. A. Grattan, Boston.  
 Anthony Barclay, New York.  
 J. Mc. Tavish, Maryland.  
 W. Ogilly, N. and S. Car.  
 Chas. L. Fitzgerald, Flor. and Ala.  
 C. J. Peshall, Wilming'n, N.C.  
 A. L. Molyneux, Georgia.  
 J. Crawford, New Orleans.

*Greece.*

Eugene Dutilh, New York.  
Henry G. Andrews, Boston.

*Hamburg.*

Johann W. Schmidt, New York.  
Fred'k Rodewald, Baltimore.  
Louis Trapmann, Charleston.  
F. W. Schmidt, Louisiana.

*Hanover.*

L. H. Meyer, New York.  
†A. W. Hupeden, State of N. Y.  
J. A. Van Cooth, Charleston.  
J. B. Bher, New Orleans.

*Elector of Hesse and Grand Duke of Fulda.*

Conrad W. Faber, New York.

*Grand Duke of Hesse.*

Anton Bollerman, New York.

*Lubeck.*

William Kruger, New York.

*Mecklenburg-Schwerin.*

\*Leon Herchenrath, Charleston.

*Mexico.*

\*Juan de la Granga, New York.  
†Felix Merino, Philadelphia.  
†Edward Cabot, Boston.  
†Charles Tiernan, Baltimore.  
†Oton L. Dabelsteen, New Orleans.  
†Juan Herbst, Pittsburg.  
†D. P. J. Marralano, St. Louis, Mo.  
†D. Juan F. Cortes, Natchitoches.  
†Ald. A. M. Jackson, Pensacola.  
Lewis Ramirez, St. Louis, Mo.  
†George P. Ward, Florida.  
†Carlos Lebaron, Mobile, Ala.  
†Robert Adger, Charleston.

*Netherlands.*

Henry Bohlen, Philadelphia.

Thomas Dixon, for Mass., Me., N. H.  
and R. I., Boston.

†B. Homer Dixon, do. do. Boston.

†Thomas Thaxter, Salem, Mass.

J. C. Zimmerman, N. Y., N. J., and  
Conn., New York.

†J. A. Van Cooth, Charleston, S. C.

Frederic B. Graff, Baltimore.

†Oliver O'Hara, Key West.

Myer Myers, Norfolk.

†Godfrey Barnsley, Savannah.

H. C. Gildemeester, N. Orleans, La.

Stevenson Forbes, Alabama and  
Florida, Mobile.

P. J. Lechteitner, Annapolis.

*New Grenada.*

\*Don Domingo Acosta.

*Oldenburg.*

Otto Heinrich Miesegaes, N. York.

Chas. T. Lowndes, Charleston, S. C.

*Portugal.*

†P. Noailles Searle, New York.

\*J. C. de Figanieri e Morao.

†Ant. J. Gouvea, N. Orleans, La.

†José A. Sintas, Wilm'gton, N. C.

Jn. M. L. Smith, Baltimore, Md.

†D. Antonio G. Vega, Mass., R. I.,  
and New Hampshire, Boston.

†Daniel J. Desmond, Penn. and N. J.

†J. G. Doon, Savannah.

†Jule Pescay, W. Flor., Pensacola.

†Wm. H. Allen, St. Augustine.

†Archibald W. Gordon, Mobile, Al.

†P. Calhorda, Wilmington, N. C.

†Christopher Neale, Dist. of Col.

†Solomon Marks, Norfolk, Va.

*Prussia.*

Gustav. Gossler, Boston.

J. C. Lang, Philadelphia.

Ludwig Brauns, Maryland.

†Wilhelm Vogel, New Orleans.

*Rome.*

\*Peter Amedée Hargons.

†Martin Mantin, New York.

†Th. Jos. Bizonard, Baltimore.

†Samuel Wright, Savannah.

†Wm. D'Azet Senac, Norfolk.

†Henry Perret, New Orleans.

†Charles Picot, Philadelphia.

*Russia.*

\*Alex. Evstaphieff, New York.

†A. W. Thaxter, Jr., Boston.

Edward Johns, New Orleans.

†Alexander Baker, New York.

†C. Jean Cazenove, Dist of Col.

†Charles L. Kuster, Baltimore.

*Sardinia.*Luigi Mossi, *Consul Gen.*, N. York.

†Nicholas Reggis, Me., N. H.,

Mass., and R. I., Boston.

†Daniel J. Desmond, for Penn., N. J.,  
and Del., Philadelphia.

†L. A. Edmondston, Charleston, S. C.

†A. Felix George, Mobile.

Antonio Michourd, New Orleans.

*Saxe Coburg and Gotha.*

Carl Frederick Haussman, for U. S.

*Saxe-Weimar.*

\*Fred. Aug. Mensch, New York.

Edward Stucken, New York.

*Saxony.*

\*Ch. Aug. Davis, New York.

J. Randolph Mahler, New York.

J. F. C. Ules, New Orleans.

F. Ludwig Brauns, Md., Baltimore.

†Charles J. Cazenove, R. I., Mass.,  
N. H., and Me., Boston.

Robert Ralston, Philadelphia.

*Spain.*

\*Don Pablo Chacon, Philadelphia.

†F. Moreno,

Pensacola.

†D. Ponca,

Savannah.

†Th. Am. Deblois, Portland.

†Don José J. Cruzat, Mobile.

†Don Ant. G. Vega, Boston.

†Antonio Larruaga, Charleston.

Antonio Pizarro, Baltimore.

†Walter de Lacy, Norfolk.

†John Notliss, Key West.

A. A. Villalobos, New Orleans.

*Sweden and Norway.*†Charles J. Hunt, Mass., N. H., and  
Me., Boston.

†Ernst Zachrisson, New York.

†Richard Seldener, Pa., Philadel.

†F. B. Graf, Baltimore.

†John H. Brent, Alexandria, D. C.

†Duncan Robertson, Norfolk.

†Diedr. Miesegaes, New Orleans.

†Fran. H. Wilman, Savannah.

†Jos. A. Winthrop, South Carolina.

George Westfield, Mobile.

John Merle, La., and Miss., New  
Orleans.*Switzerland.*Louis P. De Luge, New England  
and New York, New York.J. G. Syze, Penn., N. J., and Dela-  
ware, Philadelphia.A. Ott, for Ind., Ill., Ohio, Mich.,  
and Wisconsin Ter.*Texas.*

Nath'l Amory, Boston.

Aug. W. Radcliff, New York.

Cyrus Joy, Philadelphia.

H. Williams, Baltimore.

Wm. B. Hamilton, Richmond.

Samuel G. Taylor, Norfolk.

Th. L. Hamilton, Charleston.

Wm. Bryan, New Orleans.

Wm. Smith, Mobile.

Joseph B. Browne, Key West.

A. McGuffy, Cincinnati.

*Tuscany.*

†W. H. Aspinwall, New York.  
 Carlo Gavenni, Mobile.

*Two Sicilies.*

\*D. Rocco Maruscelli, New York.  
 \*Don Domenico Morelli, Philadel.  
 †G. A. Barelli, New Orleans.  
 G. A. Trenholm, Charleston, S.C.  
 †O. Wolff, Mobile.  
 †Geo. H. Newman, Baltimore.  
 †Gennaro Persico, Norfolk.  
 †Nicholas Reggis, Boston.  
 †B. D. Potter, Providence.  
 †Luca Palmieri, Philadelphia.  
 †Ira Clisbe, N. Haven, Ct.  
 †Goffredo Barnsley, Savannah.  
 †Antonio Pomer, Norfolk.  
 †N. E. Fowls, Dist. of Col.

*Uruguay.*

†Juan Darby,

E. S. Tobey, Boston.  
 †G. F. Darby, New York.  
 †E. Dudley Head, New Orleans.  
 †C. J. Mansong, Mobile.  
 †G. L. Lowden, Charleston.  
 †Joseph Cabot, Philadelphia.  
 †T. B. Garf, Baltimore.

*Venezuela.*

Silas G. Whitney, Boston.  
 †John P. Bigelow, Boston.  
 Juan B. Purroy, New York.  
 J. F. Strohm, Baltimore.  
 W. McIlhenny, Philadelphia.  
 Aaron Milhado, Norfolk.

*Wurtemberg.*

John D. Fink, Ala., Mp. La., and  
 Florida, New Orleans.  
 \*Christian Mayer, Baltimore.

## V. NAVY LIST.

## 1. COMMANDERS OF STATIONS.

Charles Stewart,	<i>Commodore,</i>	Home Squadron.
Daniel Turner,	<i>do.</i>	Coast of Brazil.
Charles Morris,	<i>do.</i>	Mediterranean.
A. J. Dallas,	<i>do.</i>	Pacific Ocean.
F. A. Parker,	<i>do.</i>	East Indies.
M. C. Perry,	<i>do.</i>	Coast of Africa.

## 2. COMMANDERS OF NAVY YARDS.

John D. Sloat,	Portsmouth.	John Downes, <i>Port Captain,</i> Boston.
John B. Nicholson,	Boston.	Charles G. Ridgeley, <i>Commanding</i>
S. H. Stringham,	New York.	Baltimore Station.
George C. Read,	Philadelphia.	James Renshaw, Charleston, S. C.
John H. Aulick,	Washington.	W. W. McKean, <i>Governor of the Na-</i>
Jesse Wilkinson,	Norfolk.	<i>val Asylum,</i> Philadelphia.
E. A. F. Lavalette,	Pensacola.	

## 3. OFFICERS OF THE NAVY.

*Captains.—69.*

James Barron,	J. B. Nicolson,	L. Rousseau,	John Percival,
Charles Stewart,	Jesse Wilkinson,	George W. Storer,	John H. Aulick,
Jacob Jones,	T. Ap C. Jones,	Beverly Kennon,	W. V. Taylor,
Charles Morris,	William C. Bolton,	E. R. Shubrick,	Bladen Dulany,
L. Warrington,	W. B. Shubrick,	F. H. Gregory,	S. H. Stringham,
Wm. M. Crane,	C. W. Morgan,	P. F. Voorhees,	Isaac Mayo,
James Biddle,	L. Kearny,	Benjamin Cooper,	William Mervine,
C. G. Ridgely,	F. A. Parker,	David Geisinger,	Thomas Crabb,
John Downes,	E. R. McCall,	R. F. Stockton,	Thomas Paine,
Jesse D. Elliott,	Daniel Turner,	Isaac McKeever,	James Armstrong,
Stephen Cassin,	David Conner,	J. P. Zantlinger,	Joseph Sineot,
James Renshaw,	William M. Hunter,	Wm. D. Salter,	Samuel L. Breeze,
A. S. Wadsworth,	John D. Sloat,	Ch. S. McCauley,	Benjamin Page,
George C. Read,	Matthew C. Perry,	T. M. Newell,	John Gwinn,
H. E. Ballard,	C. W. Skinner,	E. A. F. Lavallette,	Thomas W. Wyman,
Samuel Woodhouse,	John T. Newton,	Wm. A. Spencer,	Andrew Fitzhugh,
E. P. Kennedy,	Joseph Smith,	T. T. Webb,	W. K. Latimer.
Alexander J. Dallas,			

4. PAY OF THE NAVY, *per annum.*

	<i>Pay.</i>		<i>Pay.</i>
CAPTAINS, 69, Senior, in service,	\$4,500	SURGEONS, at navy yards, &c.,	\$2,250
Do. do. on leave,	3,500	Do. in sea service,	2,400
Captains of Squadrons,	4,000	Do. of the fleet,	2,700
Do. do. on other duty,	3,500	PASSED ASSISTANT SURGEONS, 17.	
Do. do. off duty,	2,500	ASSISTANT SURGEONS, 50, waiting	
COMMANDERS, 96, in sea service,	2,500	orders,	650
Do. at navy yards, or on		Do. at sea,	950
other duty,	2,100	Do. after passing, &c.,	850
Do. on leave, &c.,	1,800	Do. at sea after passing,	1,200
LIEUTENANTS, 328, commanding,	1,800	Do. at navy yards,	950
Do. on other duty,	1,500	Do. do. after passing,	1,150
Do. waiting orders,	1,200	PURSEERS, 64.	
SURGEONS, 69, 1st 5 years in com.,	1,000	CHAPLAINS, 21, in sea service,	1,200
Do. in navy yards, &c.,	1,250	Do. on leave, &c.	800
Do. in sea service,	1,333	PASSED MIDSHIPMEN, 120, on duty,	750
Do. of the fleet,	1,500	Do. waiting orders,	600
Do. 2d 5 years,	1,200	MIDSHIPMEN, 404, in sea service,	400
Do. at navy yards, &c.,	1,500	Do. on other duty,	350
Do. in sea service,	1,600	Do. on leave, &c.,	300
Do. of the fleet,	1,800	MASTERS, 30,	
Do. 3d 5 years,	1,400	of ship of the line at sea,	1,100
Do. at navy yards, &c.,	1,750	Do. on other duty,	1,000
Do. in sea service,	1,866	Do. on leave, &c.,	750
Do. of the fleet,	2,100	PROFESSORS of Mathematics,	1,200
Do. 4th 5 years,	1,600	TEACHERS at naval schools, &c.,	480
Do. at navy yards, &c.,	2,000	BOATSWAINS, 36 } of a ship of the line,	750
Do. in sea service,	2,133	GUNNERS, 39 } of a frigate,	600
Do. of the fleet,	2,400	CARPENTERS, 36 } on other duty,	500
Do. 20 years and upwards,	1,800	SAILMAKERS, 33 } on leave, &c.,	380

NOTE. One ration per day, only, is allowed to all officers when attached to vessels for sea service, since the passage of the law of the 3d of March, 1835, regulating the pay of the navy. Teachers receive two rations per day, at 20 cents each.

5. VESSELS OF WAR OF THE UNITED STATES NAVY.—*July, 1843.*

[The names of officers marked thus \* have the rank of *Commanders*; thus † *Lieutenants*; the rest are *Captains*.

Name and Rate.	Where and when built.	Commanded by	Where employed.
<i>Ships of the Line.</i> —10. Guns.			
Franklin, 74	Philadelphia, 1815	. . . . .	Under repairs, Bost.
Columbus, 74	Washington, 1819	B. Cooper,	Mediterranean.
Ohio, 74	New York, 1820	W. M. Hunter,	Rec'g Ship, Boston.
North Carolina, 74	Philadelphia, 1820	Fran. H. Gregory,	Rec'g Ship, N. York.
Delaware, 74	Gosport, Va., 1820	Ch. S. McCauley,	Mediterranean.
Alabama, 74	. . . . .	. . . . .	On stocks, Ports'm'th.
Vermont, 74	. . . . .	. . . . .	do. Boston.
Virginia, 74	. . . . .	. . . . .	do. do.
Pennsylvania, 120	Philadelphia, 1837	E. P. Kennedy,	Rec'g Ship, Norfolk.
New York, 74	. . . . .	. . . . .	On stocks, do.
<i>Frigates, 1st Class.</i> —14.			
Independence, <i>Razee</i> , 54	Boston, 1814	Isaac McKeever,	Home squadron.
United States, 44	Philadelphia, 1797	James Armstrong,	Pacific Ocean.
Constitution, 44	Boston, 1797	. . . . .	In ordinary, Norfolk.
Potomac, 44	Washington, 1821	. . . . .	Boston.
Brandywine, 41	do. 1825	F. A. Parker,	East Indies.
Hudson, 41	Purchased, 1826	. . . . .	In ordinary, N. York.
Santee, 44	. . . . .	. . . . .	On stocks, Ports'm'th.
Cumberland, 44	Boston, 1842	. . . . .	In ordinary, Boston.
Sabine, 44	. . . . .	. . . . .	On stocks, N. York.
Savannah, 44	. . . . .	. . . . .	do. do.
Raritan, 44	. . . . .	. . . . .	Philadelphia.
Columbia, 44	Washington, 1836	Ed. R. Shubrick,	Coast of Brazil.
St. Lawrence, 44	Portsmouth, 1841	Philip F. Voorhees,	On stocks, Norfolk.
Congress, 44	. . . . .	. . . . .	Mediterranean.
<i>Frigates, 2d Class.</i> —2.			
Constellation, 36	Baltimore, 1797	Lawrence Kearny,	East Indies.
Macedonian, 36	Norfolk, <i>rebuilt</i> , 1836	Isaac Mayo,	Coast of Africa.
<i>Sloops of War.</i> —17.			
John Adams, 20	Norfolk, <i>rebuilt</i> , 1820	*T. A. Conover,	Coast of Brazil.
Boston, 20	Boston, 1825	. . . . .	Boston.
Vincennes, 20	New York, 1826	*Frank. Buchanan,	Home Squadron.
Warren, 20	Boston, 1826	. . . . .	Norfolk.
Falmouth, 20	do. 1827	*J. M. McIntosh,	Home Squadron.
Fairfield, 20	New York, 1828	*S. W. Downing,	Mediterranean.
Vandalia, 20	Philadelphia, 1828	*W. J. McClanney,	Home Squadron.
St. Louis, 20	Washington, 1828	*H. H. Cocke,	East Indies.
Cyane, 20	Boston, 1837	*C. K. Stribling,	Pacific Ocean.
Levant, 20	New York, 1837	*Hugh N. Page,	do. do.
Saratoga, 20	Portsmouth, 1842	*Josiah Tatnall,	Coast of Africa.
Ontario, 18	Baltimore, 1813	. . . . .	Rec'g Ship, N. Ori's.
Marion, 16	Boston, 1839	. . . . .	In ordinary, Boston.
Decatur, 16	New York, 1839	*Joel Abbot,	Coast of Africa.
Preble, 16	Portsmouth, 1839	*W. C. Nicholson,	Mediterranean.
Yorktown, 16	Norfolk, 1839	*John S. Nicholas,	Pacific Ocean.
Dale, 16	Philadelphia, 1839	*T. A. Dornin,	do. do.
<i>Brigs.</i> —8.			
Dolphin, 10	New York, 1836	*Henry Bruce,	Home Squadron.
Porpoise, 10	Boston, 1836	†Arthur Lewis,	Coast of Africa.
Pioneer, do.	do. 1836	*S. W. Le Compt,	Rec'g vessel, Balt.
Consort, do.	do. 1836	. . . . .	In ordinary, Boston.



Name and Rate.	Where and when built.	Commanided by	Where employed.
<i>Guns.</i>			
Bainbridge,	10 Boston, 1842	†Z. F. Johnson,	Home Squadron.
Perry,	10 Norfolk, 1843		Preparing for sea.
Somers,	10 New York, 1842	†John W. West,	Home Squadron.
Truxton,	10 Norfolk, 1843	†Geo. P. Upshur,	Special service.
<i>Schooners.—9.</i>			
Grampus,	10 Washington, 1821	†A. E. Downes,	Home Squadron.
Shark,	10 do., 1821	†Henry Eagle,	Pacific Ocean.
Enterprise,	10 New York, 1831	†T. J. Manning,	Coast of Brazil.
Boxer,	10 Boston, 1831	†Oscar Bullus,	West Indies.
Experiment,	4 Washington, 1831	*F. Varnum,	Rec'g vessel, Phila.
Flirt,	{ Transferred from War Department.	†J. A. Davis,	Packet service.
Wave,		†L. B. Newell,	Rec. ves. Charleston.
Phenix,			Norfolk.
On-ka-hy-e,	Purchased, 1843	†— Bispham.	do.
<i>Steamers.—8.</i>			
Fulton,	4 New York, 1837		In ordinary, N. York.
Poinsett,	Trans. War Dep.	†W. R. Taylor,	Surveying.
Mississippi,	*10 Philadelphia, 1841		In ordinary, Boston.
Missouri,	*10 New York, 1841	John T. Newton,	Home Squadron.
Union,	Norfolk, 1842	H. H. Bell,	Coast service.
Princeton,	Philadelphia, 1843	R. F. Stockton,	In ordinary, Phila.
<i>Store Ships.—3.</i>			
Relief,	6 Philadelphia, 1836	†J. S. Sterett,	Pacific Ocean.
Erie,	8 Baltimore, 1813	†N. W. Duke,	do. do.
Lexington,	8 New York, 1825	†W. M. Glendy,	Mediterranean.

\*Paixhan Guns.

## VI. ARMY LIST.

WINFIELD SCOTT, *Major General, General-in-Chief*—Head Quarters, Washington City.

### INSPECTORS GENERAL OF THE ARMY.

Colonel George Croghan,  
Colonel S. Churchill.

### FIELD OFFICERS OF REGIMENTS.

#### *Dragoons.*

Colonel S. W. Kearny,  
Lieut. Col. R. B. Mason,  
Major Clifton Wharton.

#### *Riflemen.*

Col. D. E. Twiggs,  
†Lieut. Col. W. S. Harney,  
Major T. T. Fauntleroy.

#### *First Artillery.*

Col. J. B. Crane,  
Lieut. Col. B. K. Pierce,  
Major L. Whiting.

#### *Second Artillery.*

Col. James Bankhead,  
†Lieut. Col. A. C. W. Fanning,  
Major W. L. McClintock.

†Colonel by brevet.

*Third Artillery.*

\*Col. W. K. Armistead,  
Lieut. Col. W. Gates,  
Major John Erving.

*Fourth Artillery.*

Col. J. B. Walbach,  
Lieut. Col. M. M. Payne,  
Major F. S. Belton.

*First Infantry.*

Col. W. Davenport,  
Lieut. Col. H. Wilson,  
Major G. Dearborn.

*Second Infantry.*

\*Col. Hugh Brady,  
Lieut. Col. B. Riley,  
Major J. Plympton.

*Third Infantry.*

Col. J. B. Many,  
Lieut. Col. E. A. Hitchcock,  
Major W. W. Lear.

\*Brigadier General by brevet.

*Fourth Infantry.*

Col. J. H. Vose,  
Lieut. Col. John Garland,  
Major Thomas Staniford.

*Fifth Infantry.*

\*Col. G. M. Brooke,  
Lieut. Col. J. S. McIntosh,  
Major W. V. Cobbs.

*Sixth Infantry.*

\*Col. Z. Taylor,  
Lieut. Col. G. Loomis,  
Major W. Hoffman.

*Seventh Infantry.*

\*Col. M. Arbuckle,  
Lieut. Col. W. Whistler,  
Major Jacob Brown.

*Eighth Infantry.*

\*Col. W. J. Worth,  
Lieut. Col. N. S. Clarke,  
†Major W. G. Belknap.

‡Lieut. Colonel by brevet.

## 2. MILITIA' FORCE OF THE UNITED STATES.

*General Abstract of the Militia Force of the United States, as stated in the Army Register for 1843.*

States and Territories.	General Officers.	General Staff Officers.	Field Officers &c.	Company Officers.	Total Commissioned Officers.	Non-commissioned Officers, Musicians, and Privates.	Aggregate.
Maine,	27	89	567	1,846	2,529	42,823	45,352
N. Hampshire,	9	30	337	1,289	1,665	30,806	32,471
Massachusetts,	9	30	98	416	553	86,662	87,215
Vermont,	13	40	215	905	1,173	26,363	27,536
Rhode Island,	5	35	99	276	415	14,510	14,955
Connecticut,	9	30	311	1,059	1,409	45,061	46,470
New York,	135	893	2,590	6,576	10,164	170,915	181,079
New Jersey,	19	56	435	1,476	1,988	37,183	39,171
Pennsylvania,	55	183	946	4,070	5,254	246,703	251,957
Delaware,	4	8	71	363	447	8,782	9,229
Maryland,	22	66	544	1,763	2,397	44,467	46,864
Virginia,	28	61	1,261	4,740	6,090	105,698	111,988
N. Carolina,	28	67	723	2,969	3,787	61,431	65,218
S. Carolina,	20	134	436	1,897	2,467	49,079	51,566
Georgia,	36	98	746	2,212	3,092	54,220	57,312
Alabama,	31	157	564	1,382	2,164	42,168	44,332
Louisiana,	10	46	163	542	781	14,027	14,808
Mississippi,	15	70	392	348	825	35,259	36,084
Tennessee,	25	79	859	2,644	3,607	67,645	71,252
Kentucky,	43	180	1,046	3,625	4,864	72,412	77,276
Ohio,							180,258
Indiana,	31	110	566	2,154	2,861	51,062	53,913
Illinois,							83,234
Missouri,	45	213	658	1,692	2,608	57,081	59,689
Arkansas,					157	1,671	2,026
Michigan,	6	11	97	466	580	12,306	12,786
Florida Ter.,		1	9	33	43	784	827
Wisconsin T.,	1	6	36	126	169	5,994	6,229
Iowa Ter.,							
D. Columbia,	1	3	24	68	96	1,153	1,240
	627	2,670	13,813	44,928	62,205	1,284,645	1,771,249

## 3. MILITARY POSTS AND ARSENALS.

Posts.	State or Territory.	Post Office.	Permanent Commanders.	Regiment and Corps
<i>Military Dep't No. 1.</i>				
Fort Pickens, }	Florida,	Pensacola,	Lt. Col. Whistler,	7th infantry.
Fort McRee, }	Alabama,	Mobile,	Capt. Hawkins,	7th infantry.
Fort Morgan,	Louisiana,	Petite Coquille,	Capt. Lee,	7th infantry.
Fort Pike,	do.	New Orleans,	Bvt. Maj. Rains,	7th infantry.
Fort Wood,	do.	New Orleans,	Bt. B. G. Arbuckle,	7th infantry.
N. Orl's Barracks,	do.	Baton Rouge,	Bvt. Col. Harney,	rifemen.
Baton Rouge Bar'ks,	do.	Fort Jesup,		rifemen.
Fort Jesup,				
<i>Military Dep't No. 2.</i>				
Fort Towson,	Arkansas Ter.	Fort Towson,	Lt. Col. Loomis,	6th infantry.
Fort Washita,	do.		Maj. Fauntleroy,	rifemen.
Fort Gibson,	do.	Fort Gibson,	Col. Davenport,	6th infantry.
Fort Smith,	do.	Fort Smith,	Maj. Hoffman,	6th infantry.
<i>Military Dep't No. 3.</i>				
Fort Scott,	Missouri Ter.,	Little Osage P.O.	Bt. Maj. Graham,	4th infantry.
Fort Leavenworth,	do.	Fort Leavenworth,	Lt. Col. Mason,	dragoons.
Fort Croghan,	do.		Capt. Burgwin,	dragoons.
Jefferson Barracks,	Missouri,	Jefferson Bar'ks,	Col. Vose,	4th infantry.
Sac & Fox Agency,	Iowa Ter.,	Fairfield,	Capt. Allen,	dragoons.
Fort Atkinson,	do.	Prairie du Chien,	Capt. Sumner,	dragoons.
Fort Crawford,	Wisconsin T.,	do.	Lt. Col. Wilson,	1st infantry.
Fort Snelling,	Iowa Ter.,	Fort Snelling,	Major Dearborn,	1st infantry.
<i>Military Dep't No. 4.</i>				
Fort Winnebago,	Wisconsin T.,	Fort Winnebago,	Capt. Jouett,	1st infantry.
Fort Brady,	Michigan,	Sault St. Marie,	Capt. Merrill,	5th infantry.
Fort Mackinac,	do.	Michillimaciac,	Capt. Scott,	5th infantry.
Fort Gratiot,	do.	Fort Gratiot,	Lt. Col. McIntosh,	5th infantry.
Detroit Barracks,	do.	Detroit,	Bvt. B. G. Brooke,	5th infantry.
Detroit Arsenal,	do.	Dearbornville,	Capt. E. K. Smith,	5th infantry.
<i>Military Dep't No. 5.</i>				
Buffalo Barracks,	New York,	Buffalo,	Lt. Col. Riley,	2d infantry.
Fort Niagara,	do.	Youngstown,	Capt. Morris,	2d infantry.
Fort Ontario,	do.	Oswego,	Capt. Barnum,	2d infantry.
Madison Barracks,	do.	Sacket's Harbor,	Maj. Plympton,	2d infantry.
Plattsburg Barracks,	do.	Plattsburg,	Capt. Waite,	2d infantry.
Fort Adams, }	Rhode Island,	Newport,	Bvt. Col. Fanning,	2d artillery.
Fort Walcott,				
Fort Trumbull,	Connecticut,	New London,	Capt. Merchant,	2d artillery.
West Point,	New York,	West Point,	Maj. Delafield,	Engineers.
Fort Columbus, }	New York,	New York,	Col. Bankhead,	2d artillery.
Fort Hamilton, }	Harbor, N. Y.,	Fort Hamilton,		2d artillery.
Fort La Fayette, }		do.		
Fort Mifflin,	Pennsylvania,	Philadelphia,	Capt. Drane,	2d artillery.
Carlisle Barracks,	do.	Carlisle,	Capt. Washington,	4th artillery.
<i>Military Dep't No. 6.</i>				
Fort Kent,	Maine,	Houlton,	Capt. Webster,	1st artillery.
Fort Fairfield,	do.	do.	Capt. Van Ness,	1st artillery.
Hancock Barracks,	do.	do.	Lt. Col. Pierce,	1st artillery.
Fort Sullivan,	do.	Eastport,	Capt. Winder,	1st artillery.
Fort Preble,	do.	Portland,	Capt. Porter,	1st artillery.
Fort Constitution,	N. Hampshire,	Portsmouth,	Bvt. Maj. Dimick,	1st artillery.
Fort Independence,	Massachusetts,	Boston,	Not garrisoned,	
<i>Military Dep't No. 7.</i>				
Fort McHenry,	Maryland,	Baltimore,	Lt. Col. Payne,	4th artillery.
Fort Severn,	do.	Annapolis,	Bvt. Maj. Gardner,	4th artillery.
Fort Monroe,	Virginia,	Old Point Comfort,	Col. Walbach,	4th artillery.
<i>Military Dep't No. 8.</i>				
Fort Johnston,	N. Carolina,	Smithville,	Bt. Lt. Col. Childs,	3d artillery.
Fort Caswell, }	do.	do.		
Fort Macon,	do.	Beaufort,	Bt. M. McClintock,	3d artillery.
Fort Moultrie,	Charleston	Charleston,	Bvt. Brig. General	3d artillery.
Castle Pinckney,	Harbor, S. C.		Armistead,	
Oglethorpe Barracks,	Georgia,	Savannah,	Lt. Col. Gates,	3d artillery.
<i>Military Dep't No. 9.</i>				
Fort Marion,	Florida,	St. Augustine,		3d artillery.
Fort King,	do.	Seminole Ag'cy.	Capt. Gwynne,	8th infantry.
Fort Brooke,	do.	Tampa Bay,	Major Nelson,	7th infantry.

#### 4. MILITARY GEOGRAPHICAL DEPARTMENTS.

Department, No. 1. West Florida, and the States of Alabama, Mississippi, Louisiana, Tennessee, and Kentucky. Head-Quarters, from the 1st of November to the 30th of June in each year, at New Orleans; and for the remainder of the year at the Bay of St. Louis, or Baton Rouge, as the commander may elect. Col. D. E. Twiggs.

Department, No. 2. The country West of the Mississippi, North of Louisiana and Texas, and South of 37th degree of North Latitude. Head-Quarters, Fort Smith, Arkansas. Brig. Gen. Z. Taylor.

Department, No. 3. The State of Missouri, (above the 37th degree of North Latitude;) the State of Illinois; the Iowa Territory; that part of the Wisconsin Territory West of the 13th degree of Longitude West from Washington; and the Indian country North and West of the lines indicated. Head-Quarters, St. Louis, Mo. Maj. Gen. E. P. Gaines.

Department, No. 4. The States of Indiana, Ohio, and Michigan; the part of the Wisconsin Territory not included in Department No. 3, and the Indian country North. Head-Quarters, Detroit, Michigan. Brig. Gen. Hugh Brady.

Department, No. 5. The States of Pennsylvania, New York, Vermont, New Jersey, Connecticut, and Rhode-Island. Head-Quarters, Troy, N. Y. Brig. Gen. John E. Wool.

Department, No. 6. The States of Massachusetts, New Hampshire, and Maine. Head-Quarters, Portsmouth, N. H. Col. J. B. Crane.

Department, No. 7. The States of Delaware, Maryland, and Virginia. Head-Quarters, Fort Monroe, Virginia. Col. J. B. Walbach.

Department, No. 8. The States of North Carolina, South Carolina, and Georgia. Head-Quarters, Sullivan's Island, Harbor of Charleston. Brig. Gen. W. K. Armistead.

Department, No. 9, (Temporary,) East and Middle Florida. Head-Quarters, St. Augustine, Florida. Brig. Gen. W. J. Worth.

The regular force, as now authorized by law, consists of 717 commissioned officers, 17 storekeepers, of whom 15 are attached to the ordnance, and 2 to the Purchasing Department; 250 enlisted men for the ordnance service, and 7,590 non-commissioned officers, musicians, artificers, and privates; 20 chaplains and schoolmasters, and as many ordnance sergeants as there are military posts. Clerks, forage masters, and wagon masters, are also employed in the Quartermaster's Department, from time to time, according to the exigencies of the service. The act of August 23, 1842, reduced the rank and file of the army 3,920 men. The reduction is gradually proceeding, in the manner contemplated by the act, and the excess, according to the last returns, is 1,970 men. It is supposed the prescribed minimum will be reached by the beginning of the year 1844.

From the general returns of the army, it appears that the whole number of troops now in service is 9,847, consisting of 781 commissioned officers, 9,600 non-commissioned officers, musicians, artificers, and privates, and 247 enlisted men of ordnance.

## 5. RANK, GRADE, AND PAY OF THE ARMY.

Rank and classification of Officers.	Pay per Month.	Number of rations per day.	No. of horses all wred.	No. of servants allowed.
Major General,	\$200	15	7	4
Aid-de-Camp, in addition to pay &c., of Lieut.,	24	1	2	
Brigadier General,	104	12	5	3
Aid-de Camp, in addition to pay &c., of Lieut.,	20		2	
Adjutant General—Colonel,	90	6	5	2
Assistant Adjutant General—Major,	60	4	4	2
Assistant Adjutant General—Captain,	50	4	3	1
Inspector General—Colonel,	90	6	5	2
Quartermaster General—Brig. General,	104	12	5	3
Assistant Quartermaster General—Colonel,	90	6	5	2
Deputy Quartermaster General—Lt. Colonel,	75	5	4	2
Quartermaster—Major,	60	4	4	2
Assistant Quartermaster—Captain,	50	4	3	1
Commissary Gen. of Subsistence—Colonel,	90	6	5	2
Assist. Com. Gen. of Subsistence—Lt. Col.,	75	5	4	2
Commissary of Subsistence—Major,	60	4	4	2
Commissary of Subsistence—Captain,	50	4	3	1
Paymaster General, \$2,500 per annum,				
Paymaster,	60	4	4	2
Surgeon General, \$2,500 per annum,				
Surgeons of ten years' service,	60	8	4	2
Surgeons of less than ten years' service,	60	4	4	2
Assistant Surgeons of ten years' service,	50	8	3	1
Assistant Surgeons of five years' service,	50	4	3	1
Assist. Surg'ns, of less than five years service,	33 33	4	2	1
<i>Officers of the Corps of Engineers—Corps of Top. Engineers,—Ordnance Department.</i>				
Colonel,	90	6	5	2
Lieutenant Colonel,	75	5	4	2
Major,	60	4	4	2
Captain,	50	4	3	1
First Lieutenant,	33 33	4	2	1
Second Lieutenant,	33 33	4	2	1
<i>Officers of Mounted Dragoons.</i>				
Colonel,	90	6	5	2
Lieutenant Colonel,	75	5	4	2
Major,	60	4	4	2
Captain,	50	4	3	1
First Lieutenant,	33 33	4	2	1
Second Lieutenant,	33 33	4	2	1
<i>Officers of the Artillery—Infantry.</i>				
Colonel,	75	6	4	2
Lieutenant Colonel,	60	5	3	2
Major,	50	4	3	2
Captain,	40	4		1
First Lieutenant,	30	4		1
Second Lieutenant,	25	4		1
Adjutant, in addition to pay, &c., of Lieut.,	10		2	

## VII. POST-OFFICE ESTABLISHMENT.

1. *Table of Mail Service for the Year preceding the 1st of July, 1842, as stated by the First Assistant Postmaster-General.*

States and Territories.	Length of Routes.	Annual Transportation.			Total Transportation.	Total Cost.
		Horse and Sulky.	Stage and Coach.	Railroad and Steamboat.		
	Miles.	Miles.	Miles.	Miles.	Miles.	
Maine,	3,904	280,132	739,300	.....	1,019,432	\$69,913
N. Hampshire,	2,377	121,712	570,164	.....	691,876	47,040
Vermont,	2,405	128,020	614,174	.....	742,194	49,671
Massachusetts,	3,510	143,924	986,087	.....	1,601,639	135,754
Rhode Island,	338	15,444	66,456	.....	111,852	9,615
Connecticut,	2,053	120,778	463,280	.....	816,918	57,656
New York,	13,119	695,413	3,004,935	.....	4,761,758	349,246
New Jersey,	2,021	135,534	368,494	.....	654,452	52,798
Pennsylvania,	10,870	943,106	1,890,934	.....	3,119,693	226,102
Delaware,	423	34,640	83,405	.....	138,245	15,045
Maryland,	2,345	239,702	266,654	.....	766,757	116,157
Virginia,	11,727	1,069,180	920,654	.....	2,363,982	182,108
N. Carolina,	7,483	572,426	602,826	.....	1,539,812	140,502
S. Carolina,	4,659	292,257	521,625	.....	1,018,452	133,915
Georgia,	6,621	454,906	608,647	.....	1,461,821	171,865
Florida,	1,744	94,014	79,576	.....	273,012	44,909
Ohio,	11,580	922,597	1,712,013	.....	2,738,218	182,655
Michigan,	3,509	318,854	287,608	.....	701,830	42,805
Indiana,	7,556	609,842	681,694	.....	1,341,378	97,708
Illinois,	9,590	533,203	1,067,456	.....	1,673,903	150,915
Wisconsin,	1,713	143,626	58,592	.....	202,220	18,402
Iowa,	1,052	101,968	3,720	.....	133,688	12,133
Missouri,	5,930	494,256	276,050	.....	782,060	68,819
Kentucky,	6,431	544,174	726,316	.....	1,400,740	103,802
Tennessee,	7,532	613,760	756,402	.....	1,401,171	106,411
Alabama,	7,909	582,073	689,416	.....	1,377,673	211,998
Mississippi,	4,530	551,994	260,832	.....	925,561	121,577
Arkansas,	3,641	403,624	140,192	.....	604,844	62,779
Louisiana,	2,507	283,032	13,104	.....	461,357	78,686
<b>Total,</b>	<b>149,732</b>	<b>11,644,693</b>	<b>18,767,036</b>	<b>4,424,262</b>	<b>31,835,991</b>	<b>3,087,796</b>
<b>Cost,</b>		<b>\$737,605</b>	<b>\$1,700,516</b>	<b>\$649,581</b>	<b>\$3,087,796</b>	

2. *Extract from the Report of the Postmaster-General, dated December 3d, 1842.*

"A public service which requires the agency of 13,733 postmasters and their clerks, 2,343 contractors and their agents, covering, during the year, 34,835,991 miles of transportation, and extending almost to the door of every citizen, must encounter difficulties, and be subjected to occasional irregularities, not only from the neglect of some of its numerous agents, but from physical causes, not in the power of this Department to overcome.

"When the vast machinery of the General Post Office, the minuteness of its details, and the character of the majority of the roads over which the mail is transported, are contemplated, there should be more of astonishment at the general regularity of the service, than of surprise and discontent at occasional failures. Absolute certainty, and unbroken reg-

ularity, in the arrival and departure of the mails at all times, cannot and ought not to be expected.

"The expenditure for mail-bags was,

In 1837,	\$56,702 28
1838,	38,737 36
1839,	36,082 46
1840,	35,337 23

"From the 1st April, 1841, to 1st April, 1842, the amount expended was but \$13,566 30; from the 1st April, 1842, to 1st October, six months, \$7,640 59; a large proportion of which was for mail-bags manufactured prior to 1841.

"It is a fact worthy of notice, that, although the aggregate amount received from postage during the past year has been greater by the sum stated, the receipts at the large offices for 1842 have been less than in 1841. The aggregate increase has been at the medium and smaller offices. This is accounted for by the fact, that the means of intercommunication between the great commercial points have been such as to invite constant and increasing infractions and violations of the laws of Congress regulating the General Post Office.

"The whole number of free letters sent through the post office annually, so far as the returns of postmasters exhibit, is about 3,000,000.

"Assuming 15 cents as the average rate of each letter, if charged with postage, \$450,000 would be the amount received. Thus it will be seen, that nearly one ninth of all the matter which passes through the mail passes free of postage. The loss to the Department does not stop here. Two cents are paid to postmasters on each of those letters, constituting an annual charge upon the revenue of \$60,000."

3. *Statement of the Revenue and Expenditure of the Post-Office Department, for the fourteen years ending the 30th of June, 1842.*

Year ending	Revenue.	Expenditure.
June 30, 1829,	\$1,707,418.42	\$1,782,132 57
" 1830,	1,850,583.10	1,932,707.95
" 1831,	1,997,811.54	1,936,122.87
" 1832,	2,258,570 17	2,266,171.66
" 1833,	2,617,011.88	2,930,414.87
" 1834,	2,823,749.34	2,910,605.08
" 1835,	2,993,356.66	2,757,350.08
" 1836,	3,408,323.59	2,841,766.36
" 1837,	4,100,605.43	3,303,425.03
" 1838,	4,235,077.97	4,621,837.16
" 1839,	4,477,614.04	4,654,718 42
" 1840,	4,539,265.68	4,759,110.85
" 1841,	4,379,317.78	4,567,238.39
" 1842,	4,546,246.13	4,235,052.11

## 4. RATES OF POSTAGE.

*On a single Letter composed of One Piece of Paper.*

For any distance, not exceeding	30 miles,	6 cents.
Over 30, and not exceeding	80 "	10 "
Over 80, and not exceeding	150 "	12½ "
Over 150, and not exceeding	400 "	18¾ "
Over 400 miles,		25 "

A *Letter* composed of two pieces of paper is charged with *double* these rates; of three pieces, with *triple*; and of four pieces, with *quadruple*. "One or more pieces of paper, mailed as a letter, and weighing *one ounce*, shall be charged with *quadruple* postage; and at the same rate, should the weight be greater." "Letter postage is to be charged on all hand-bills, printed or written; prices current, sealed or unsealed; prospectuses, proposals for new publications, circulars, lottery bills, and advertisements, blank forms, sheets of music, deeds, law processes, policies of insurance, and manuscript copy for publication. You will also charge letter postage on all packets that are closely enveloped and sealed, so that what they contain cannot be known. *Instructions of the Postmaster-General.*

*Newspaper Postage.*

For each *Newspaper*, not carried out of the State in which it is published, or, if carried out of the State, not carried over 100 miles, 1 cent. Over 100 miles, and out of the State in which it is published, 1½ cents.

*Magazines and Pamphlets.*

If published periodically,	dist. not exceeding	100 miles,	1½ cts. p. sheet.
Do.	do.	distance over	100 " 2½ " "
If not pub. periodically,	dist. not exceeding	100 "	4 " "
Do.	do.	distance over	100 " 6 " "

"Every *Printed Pamphlet* or *Magazine* which contains more than twenty-four pages, on a *royal* sheet, or any sheet of *less* dimensions, shall be charged by the sheet; and small pamphlets, printed on a half or quarter sheet, of royal or less size, shall be charged with half the amount of postage charged on a full sheet." "A pamphlet is a small unbound printed book. A magazine is a pamphlet published periodically in numbers, containing articles on science, literature, politics, news, &c. You will charge periodical pamphlet postage on magazines, almanacs, college catalogues, and annual reports or minutes of societies." *Instructions of the Postmaster-General.*

The postage on *Ship Letters*, if delivered at the office where the vessel arrives, is six cents; if conveyed by post, two cents in addition to the ordinary postage.



## 5. PRIVILEGE OF FRANKING.

Letters and packets to and from the following officers of the government are by law received and conveyed by post, free of postage:

The President and Vice-President of the United States; Secretaries of State, Treasury, War, and Navy; Attorney-General; Postmaster General, and Assistant Postmaster General; Comptrollers, Auditors, Register, and Solicitor of the Treasury; Treasurer; Commissioner of the General Land Office; Commissioners of the Navy Board; Commissary-General; Inspectors-General; Quartermaster-General; Paymaster-General; Superintendent of the Patent Office; Speaker and Clerk of the House of Representatives; President and Secretary of the Senate; and any individual who shall have been, or may hereafter be, President of the United States; and each may receive newspapers by post, free of postage.

Each member of the Senate, and each member and delegate of the House of Representatives, may send and receive, free of postage, newspapers, letters, and packets, weighing not more than two ounces, (in case of excess of weight, the excess alone to be paid for,) and all documents printed by order of either House, from the period of sixty days before he takes his seat in Congress, till the next meeting of the next Congress.

Postmasters may send and receive, free of postage, letters and packets, not exceeding half an ounce in weight; and they may receive one daily newspaper each, or what is equivalent thereto.

Printers of Newspapers may send one paper to each and every other printer of newspapers within the United States, free of postage, under such regulations as the Postmaster General may provide.

## VIII. MINT.

*Officers of the Mint at Philadelphia.*

	Salary.		Salary.
R. M. Patterson, <i>Director</i> ,	\$3,500	J. R. McClintock, <i>Melter</i> }	\$2,000
Isaac Roach, <i>Treasurer</i> ,	2,000	and <i>Refiner</i> , }	
Franklin Peale, <i>Chief Coiner</i> ,	2,000	Chr. F. Gobrecht, <i>Engraver</i> ,	2,000
J. R. Eckfeldt, <i>Assayer</i> ,	2,000	W. C. Dubois, <i>Asst. Assayer</i> ,	1,300

*Officers of the Branch at New Orleans, La.*

	Salary.		Salary.
J. M. Kennedy, <i>Superintend.</i>	\$2,500	Phil. B. Tyler, <i>Coiner</i> ,	\$2,000
Wm. P. Hort, <i>Assayer</i> ,	2,000	Hor. C. Cammack, <i>Treasurer</i> ,	2,000
John L. Riddell, <i>Melt. &amp; Refin.</i>	2,000		

*Officers of the Branch at Dahlonega, Ga.*

	Salary.		Salary.
J. F. Cooper, <i>Superintend.</i>	\$2,000	Daniel H. Mason, <i>Coiner</i> ,	\$1,500
J. W. Farnum, <i>Assayer</i> ,	1,500		

*Officers of the Branch at Charlotte, N. C.*

	Salary.		Salary.
G. W. Caldwell, <i>Superintend.</i>	\$2,000	John R. Bolton, <i>Coiner</i> ,	\$1,500
J. H. Gibbon, <i>Assayer</i> ,	1,500		

1. *Recapitulation of the Coinage at the Mint of the United States and its branches, from the commencement of operations until December 31, 1842.*

Commenced operations.	Mints.	Whole Coinage, in Pieces.	Whole Coinage in Value.
1793	Philadelphia Mint,	255,087.171	\$85,873,052 49
1838	Charlotte Branch Mint,	162,118	666,030 00
1838	Dahlonega Branch Mint,	178,534	827,638 00
1838	N. Orleans Branch Mint,	14,179,656	3,155,443 00
	Total,	269,607,479	90,522,163 49

1. *Statement of the Deposits of Gold, for Coinage, at the Mint of the United States, at Philadelphia, in the year 1842.*

<i>Gold.</i>		
From Mines in the United States,	\$273,587	
Coins of the United States, old standard,	27,124	
Foreign coins,	497,575	
Foreign Bullion,	158,780	
Jewelry,	20,845	
Total of Gold,		977,911
<i>Silver.</i>		
Bullion from North Carolina,	6,455	
Foreign Bullion,	153,527	
Mexican dollars,	1,085,374	
Dollars of South America,	26,372	
European Coins,	272,282	
Plate,	23,410	
Total of Silver,		1,567,420
Total,		2,545,331

2. *Statement of the Coinage of the Mint of the United States, at Philadelphia, in the Year 1842.*

Denominations.	Pieces.	Wh. No. of pieces.	Value.	Whole value.
<i>Gold.</i>				
Eagles, . . . . .	81,507	111,908	\$815,070 00	\$960,617 50
Half Eagles, . . . . .	27,578		137,890 00	
Quarter Eagles, . . . . .	2,823		7,057 50	
<i>Silver.</i>				
Dollars, . . . . .	184,618	4,987,882	184,618 00	1,442,500 00
Half Dollars, . . . . .	2,012,764		1,006,382 00	
Quarter Dollars, . . . . .	88,000		22,000 00	
Dimes, . . . . .	1,887,500		188,750 00	
Half Dimes, . . . . .	815,000		40,750 00	
<i>Copper.</i>				
Cents, . . . . .		2,353,390		23,833 90
Total, . . . . .		7,483,180		2,426,351 40

3. *Statement of the Annual Amounts of Deposits of Gold for Coinage, at the Mint of the United States and its Branches, from the Mines of the United States.*

Deposited at the United States Mint, Philadelphia.								
Years.	Virginia.	North Carolina.	South Carolina.	Georgia.	Tennessee.	Alabama.	Various Sources.	Total at U.S. Mint.
1824	.....	\$5,000	.....	.....	.....	.....	.....	\$5,000
1825	.....	17,000	.....	.....	.....	.....	.....	17,000
1826	.....	20,000	.....	.....	.....	.....	.....	20,000
1827	.....	21,000	.....	.....	.....	.....	.....	21,000
1828	.....	46,000	.....	.....	.....	.....	.....	46,000
1829	\$2,500	134,000	\$3,500	.....	.....	.....	.....	140,000
1830	24,000	204,000	26,000	\$212,000	.....	.....	.....	466,000
1831	26,000	294,000	22,000	176,000	\$1,000	.....	\$1,000	520,000
1832	34,000	458,000	45,000	140,000	1,000	.....	.....	678,000
1833	104,000	475,000	66,000	216,000	7,000	.....	.....	868,000
1834	62,000	380,000	38,000	415,000	3,000	.....	.....	898,000
1835	60,400	263,500	42,400	319,900	100	.....	12,200	698,500
1836	62,000	148,100	55,200	201,400	300	.....	.....	467,000
1837	52,100	116,900	29,400	83,600	.....	.....	.....	282,000
1838	55,000	66,000	13,000	36,000	1,500	.....	200	171,700
1839	57,600	53,500	6,300	20,300	300	\$500	.....	138,500
1840	38,995	36,804	5,319	91,113	104	4,431	.....	176,766
1841	25,736	76,431	3,440	139,796	1,212	1,863	.....	248,478
1842	42,163	61,629	223	150,276	.....	5,579	13,717	273,587
Total,	643,494	2,576,864	355,782	2,201,385	15,516	12,373	27,117	6,135,631
Deposited at the Branch Mints.								Mint and Branches.
Years.	Branch at Charlotte, N. C.	Branch at Dahlonega, Ga.	Branch at New Orleans, La.	Total at Branch Mints.		Total Deposits of U. S. Gold.		
1838	\$127,000	\$135,700	\$700	\$263,400		\$435,100		
1839	126,836	113,035	6,869	246,700		385,240		
1840	124,726	121,858	2,835	249,419		426,185		
1841	129,847	161,974	1,818	293,639		542,117		
1842	174,508	323,372	5,630	503,510		777,097		
Total,	682,917	855,939	17,852	1,556,708		7,692,239		

4. *Amount of Deposits and Coinage at the Mint of the United States and its Branches, in the Year 1842.*

Mints.	Deposits.				
	Gold.			Silver.	Total of Gold and Silver.
	U. S. Gold.	Foreign Gold	Total of Gold.	Value.	
Philadelphia,	\$300,711	\$677,200	\$977,911	\$1,567,420	\$2,545,331
Charlotte, N. C.	174,508	.....	174,508	.....	174,508
Dahlonega, Ga.	323,372	.....	323,372	.....	323,372
New Orleans,	5,630	562,644	568,274	932,665	1,520,939
Total,	804,221	1,259,844	2,064,065	2,500,085	4,564,150

Mints.	Coinage.							
	Gold.		Silver.		Copper.		Total.	
	Pieces.	Value.	Pieces.	Value.	Pieces.	Value.	Pieces.	Value.
Philad.	111,908	\$960,017 50	4,987,882	\$1,442,500	2,383,390	23,533 90	7,483,180	\$2,423,351 40
Char'tte,	36,122	159,005 00	.....	.....	.....	.....	36,122	159,005 00
Dahl'ga,	64,251	309,648 00	.....	.....	.....	.....	64,251	309,648 00
N. Orl.	63,600	405,500 00	4,096,000	890,250	.....	.....	4,159,600	1,295,750 00
Total,	275,881	1,834,170 50	9,083,882	2,332,750	2,383,390	23,383 90	11,743,153	4,190,754 40

5. *Statement of the Coinage at the Mint of the United States, for each successive Period of Ten Years, from the commencement of its Operations, until December 31st, 1842.*

Years.	Gold.		Silver.	
	No. of Pieces.	Value.	No. of Pieces.	Value.
1793 to 1800	134,842	\$1,014,290 00	1,852,545	\$1,440,454 75
1801 to 1810	596,671	3,350,742 50	7,063,066	3,569,165 25
1811 to 1820	633,302	3,106,510 00	13,445,962	5,970,810 95
1821 to 1830	393,111	1,963,092 30	39,956,769	16,781,046 95
1831 to 1840	3,938,409	17,786,405 00	78,664,217	26,344,454 00
1841 and 1842	190,572	670,492 50	8,363,382	2,020,250 00
Total,	5,887,207	27,791,532 50	149,945,841	56,126,181 90

Years.	Copper.		Total.	
	No. of Pieces.	Value.	No. of Pieces.	Value.
1793 to 1800	8,233,462	\$70,391 82	10,220,549	\$2,534,136 57
1801 to 1810	18,416,446	131,246 89	25,676,183	6,971,154 14
1811 to 1820	19,147,427	191,158 57	33,226,691	9,328,479 52
1821 to 1830	15,536,220	151,412 20	56,186,000	18,635,551 65
1831 to 1840	34,639,821	342,322 21	117,242,437	44,473,181 21
1841 and 1842	3,980,757	39,507 57	12,535,011	3,730,549 40
Total,	90,254,133	955,338 76	255,087,171	85,873,052 49

## IX. PUBLIC LANDS.

1. *Quantities, Surveys, Sales, Reservations, &c., of the Public Lands.*

[From a Report made by the Treasury Department, at the last session of Congress.]

	Acres.
Estimated quantity of land yet to be sold, including the unceded territory south of latitude 490', - - -	1,084,064,993
Deduct reservations, - - - - -	7,526,779
Leaving - - - - -	1,076,538,214
Value, at \$1 25 per acre, - - - - -	\$1,345,672,767 50
Of the above quantity, the Indian title is extinguished to - - - - -	367,947,165
Unextinguished, - - - - -	716,117,828
Surveyed, - - - - -	272,646,356
Unsurveyed, - - - - -	811,416,637
Of the Public Lands there have been sold 107,796,536 acres, bringing - - - - -	\$170,940,942 62
Paid for Indian title, Florida and Louis- iana purchase, including interest, - - - - -	\$68,524,991 32
Paid for surveying and selling, including pay of salaries and fees, - - - - -	9,966,610 14
	78,491,601 46
Balance, being the net funds derived from the public funds, - - - - -	\$92,449,341 16

In addition to lands sold, there have been granted for internal improve-  
ment, education, military services, reservations, &c., 33,756,559 acres.

Acres.

Of the Public Lands, Virginia, New York, Massachusetts, and Connecticut, ceded - - - - -	169,609,819
Georgia ceded - - - - -	58,898,522
North and South Carolina ceded - - - - -	26,432,000
Purchased of France and Spain, - - - - -	987,852,332

2. *Statement of Public Lands sold; and of Payments into the Treasury on account thereof, in the year 1841.*

States and Territories.	Lands sold, after deduct- ing erroneous entries.		Amount received in Cash, Treas- urer's Receipts, and Treasury Notes.			Amount paid into the Treasury during the Year.
	Acres.	Purchase Money.	Cash.	Treasur- er's Re- ceipts.	Treasury Notes.	
Ohio,	43,613.71	\$59,589.66	\$58,057.01	.....	.....	\$43,452.51
Indiana,	93,882.96	117,425.40	115,949.54	.....	.....	127,655.82
Illinois,	335,553.00	419,755.30	398,018.94	\$2,400.00	\$3,845.41	326,722.20
Missouri,	269,471.91	336,843.64	335,560.91	.....	.....	322,084.41
Alabama,	50,705.38	64,322.81	62,294.93	.....	905.97	90,789.34
Mississippi,	21,635.85	27,044.81	27,020.91	.....	.....	35,489.17
Louisiana,	95,111.95	119,305.05	116,834.45	.....	1,770.00	79,805.56
Michigan,	18,167.59	22,709.87	22,609.87	100.00	.....	15,166.88
Arkansas,	51,860.75	68,831.78	68,165.50	.....	606.28	107,051.72
Wisconsin,	101,731.17	127,416.31	124,913.36	.....	2,232.95	124,549.73
Iowa,	73,673.17	92,103.39	86,882.81	.....	1,283.08	92,009.75
Florida,	6,388.67	7,985.84	6,724.05	.....	1,261.79	8,411.95
Total,	1,164,796.11	1,463,364.06	1,423,052.28	2,500.00	11,966.06	1,363,060.04

3. *Statement of Public Lands sold; and of Payments into the Treasury, on account thereof, in the 1st, 2d, and 3d quarters of the year 1842.*

States and Territories.	Lands sold, after deducting erroneous entries.		Amount received in Cash, Treasurer's Receipts, and Treasury Notes.			Amount paid into the Treasury during the three quarters of the Year.
	Acres.	Purchase Money.	Cash.	Treasurer's Receipts.	Treasury Notes.	
Ohio,	23,169.43	\$31,757.05	\$28,133.96	\$2,600.00	\$665.22	\$33,502.11
Indiana,	41,026.71	51,257.37	50,386.88	.....	736.53	50,329.47
Illinois,	386,414.71	453,046.75	421,256.76	2,053.00	52,026.05	429,214.74
Missouri,	101,058.18	136,298.81	135,493.53	200.00	50.31	185,969.80
Alabama,	73,924.19	92,405.30	89,475.73	.....	2,581.04	41,324.23
Mississippi,	27,149.68	33,937.27	33,937.27	.....	.....	38,301.16
Louisiana,	33,481.75	41,967.42	33,413.20	.....	8,574.22	74,589.47
Michigan,	16,971.44	21,233.24	20,925.66	.....	307.59	19,921.97
Arkansas,	18,432.90	23,076.63	22,672.12	.....	406.51	15,306.26
Wisconsin,	88,929.11	113,755.39	109,952.92	.....	3,902.47	92,592.50
Iowa,	37,275.46	46,594.31	41,857.55	.....	3,180.51	47,930.54
Florida,	3,180.92	3,984.88	2,202.86	800.00	1,622.02	2,747.40
Total,	859,031.08	1,079,366.42	989,608.44	5,653.00	74,035.46	1,091,638.95

4. *Exhibit of the Quantity of Public Land sold, and the amount paid by the Purchasers thereof, in each State and Territory, in each Year, from 1834, to the 30th of September, 1842, inclusive.*

States and Territories.	1834.		1835.		1836.	
	Acres.	Dollars.	Acres.	Dollars.	Acres.	Dollars.
Ohio,	478,847.24	600,561.75	661,435.59	823,224.44	1,282,001.80	1,063,116.56
Indiana,	673,656.44	842,170.84	1,556,904.85	2,075,571.56	3,245,344.13	4,061,492.62
Illinois,	354,013.47	439,613.82	2,036,029.20	2,604,608.47	3,199,708.61	4,000,294.36
Mo.	253,791.70	320,978.62	662,180.47	828,121.81	1,655,687.66	2,071,204.35
Ala.	1,072,457.63	1,444,209.31	1,587,007.87	1,985,449.20	1,901,409.00	2,377,573.78
Mp.	1,004,054.91	1,470,323.40	2,031,181.15	3,835,625.55	2,023,709.60	2,531,282.60
La.	82,570.88	104,813.39	325,655.85	407,445.41	879,456.06	1,069,323.68
Mich.	*512,760.13	*643,833.49	1,817,247.81	2,271,575.17	4,189,823.12	5,241,248.70
Ark.	140,756.46	213,020.64	610,027.75	787,927.96	963,535.12	1,204,544.20
Wiscon.	.....	.....	217,543.91	316,709.07	646,131.73	808,932.32
Florida,	16,300.85	20,372.78	48,364.31	60,455.38	87,071.97	108,839.94
Total,	4,658,218.71	6,009,981.01	12,564,478.85	15,999,804.11	20,074,870.92	25,167,839.06

States and Territories.	1837.		1838.		1839.	
	Acres.	Dollars.	Acres.	Dollars.	Acres.	Dollars.
Ohio,	470,420.72	588,564.39	213,095.87	303,945.78	242,444.76	315,559.53
Indiana,	1,249,517.97	1,561,653.06	602,424.54	753,419.27	612,748.31	773,918.95
Illinois,	1,012,849.10	1,266,118.21	778,500.32	987,170.27	1,152,576.31	1,445,700.91
Mo.	663,967.75	830,095.15	510,123.32	642,087.13	1,038,065.83	1,304,718.69
Ala.	381,773.93	477,219.02	159,939.13	204,935.66	121,935.61	152,726.30
Mp.	256,354.10	320,600.04	271,074.88	339,000.92	17,872.23	22,234.08
La.	230,952.59	288,092.24	164,178.16	216,330.03	509,307.11	622,050.45
Mich.	773,522.31	969,071.10	97,533.72	121,929.53	134,984.02	175,008.66
Ark.	281,915.45	353,063.24	156,971.63	197,587.49	154,858.74	188,710.05
Wiscon.	178,783.45	223,479.45	87,256.31	100,416.14	650,792.82	819,909.90
Iowa,	.....	.....	274,605.07	343,664.26	298,152.31	373,180.46
Florida,	100,725.72	125,907.14	68,814.47	86,018.16	56,499.02	70,660.21
Total,	5,601,103.12	7,007,523.04	3,414,907.42	4,305,564.64	4,976,382.87	6,461,556.78

States and Territories.	1840.		1841.		First three quarters of 1842.	
	Acres.	Dollars.	Acres.	Dollars.	Acres.	Dollars.
Ohio,	33,039.43	41,327.47	43,613.71	59,569.66	23,160.03	\$31,757.05
Indiana,	118,868.53	148,645.20	93,882.96	117,425.40	41,026.71	51,287.37
Illinois,	369,275.45	466,647.33	335,553.00	418,755.30	386,414.71	483,046.75
Mo.	572,493.34	716,210.14	269,471.91	336,843.84	109,058.18	136,298.81
Ala.	56,784.58	71,020.59	50,705.38	64,332.81	73,924.19	92,405.30
Mp.	19,174.82	23,968.06	21,635.85	27,044.81	27,149.69	33,937.27
La.	189,228.51	228,884.01	95,111.95	119,305.05	33,481.75	41,974.42
Mich.	26,106.21	32,632.77	18,167.59	22,709.87	16,971.44	21,233.24
Ark.	110,610.37	135,360.14	54,860.75	68,831.78	18,452.90	23,078.63
Wiscon.	127,796.34	159,848.48	101,731.17	127,446.31	88,929.11	113,755.39
Iowa,	567,882.48	710,089.09	73,673.17	92,103.39	37,275.46	46,594.31
Florida,	25,602.68	32,003.35	6,388.67	7,965.84	3,186.92	3,934.88
Total,	2,236,889.74	2,789,637.53	1,164,796.11	1,463,264.06	859,031.08	1,079,366.42

\* These items include 14,336.67 acres, — \$20,770.18, sold in Wisconsin in 1834.

5. *Shares of the several States and Territories, under the Distribution Act of 4th September, 1841, of the residue of the net proceeds of the Public Lands sold in the half year ending 30th June, 1842, amounting to \$562,144 18.*

States and Territories.	Free Population.	Slaves.	Federal numbers.	Distributive shares.
Maine,	501,793	.....	501,793	\$17,554 90
New Hampshire,	284,573	1	284,574	9,955 64
Massachusetts,	737,698	1	737,699	25,807 92
Rhode Island,	108,825	5	108,828	3,807 28
Connecticut,	309,998	17	310,008	10,845 43
Vermont,	291,948	.....	291,948	10,213 61
New York,	2,428,917	4	2,428,919	84,974 15
New Jersey,	372,632	674	373,036	13,050 42
Pennsylvania,	1,723,969	64	1,724,007	60,313 27
Delaware,	75,480	2,605	77,043	2,695 30
Maryland,	380,282	89,737	434,124	15,187 54
Virginia,	790,810	448,987	1,060,202	37,090 48
North Carolina,	507,602	245,817	655,092	22,917 97
South Carolina,	267,360	327,038	463,583	16,218 15
Georgia,	410,448	280,944	579,014	20,256 43
Alabama,	337,224	253,532	489,343	17,119 35
Mississippi,	180,440	195,211	297,567	10,410 19
Louisiana,	183,959	168,452	285,030	9,971 59
Tennessee,	646,151	183,059	755,986	26,447 63
Kentucky,	597,570	182,258	706,925	24,731 31
Ohio,	1,519,464	3	1,519,466	53,157 53
Indiana,	685,863	3	685,865	23,994 54
Illinois,	475,852	331	476,051	16,654 33
Missouri,	325,462	58,240	360,406	12,608 57
Arkansas,	77,639	19,935	89,600	3,134 60
Michigan,	212,267	.....	212,267	7,426 03
Wisconsin,	30,934	11	30,941	1,082 45
Iowa,	43,096	16	43,106	1,508 03
Florida,	28,760	25,717	44,190	1,545 96
District of Columbia,	39,018	4,694	41,834	1,463 53
Total,	14,576,034	2,457,356	16,068,447	562,144 18

6. *Statement of additional allowance to the States of Ohio, Indiana, Illinois, Missouri, Arkansas, Louisiana, Mississippi, Alabama and Michigan, of 10 per cent. of the net proceeds of the Public Lands sold in the half year ending 30th June, 1842, under the Distribution Act of 4th September, 1841.*

The total amount of the purchase money of the public lands sold in the States and Territories in said half year, is	\$557,641 04
The amount of repayments during the said period for erroneous and illegal entries by receivers of the public moneys, and by warrants from the Treasury, is	20,424 34
Leaving as the gross proceeds of the lands for the said half year, the sum of	537,216 70
The expenditures for the said period, chargeable to the public lands, agreeably to the above act are as follows:	
1st. Salaries and expenses of the General Land Office	\$52,751 52
2d. Surveying expenses	48,037 40
3d. Salaries and expenses in the offices of the surveyors general	28,146 72
4th. Salaries, commissions, and allowances, to registers and receivers	56,681 26
5th. The amount of the 5 per cent. fund	34,662 63
Making, together the sum of	220,279 53

Then, as the total amount of the gross proceeds, \$537,216 70, is to the whole amount of expenses, \$220,279 53, so is the amount of the gross proceeds in each State to its proportion of the whole expenses. For instance, the gross proceeds of the sales in Illinois amount to the sum of \$402,163 06: therefore, as \$537,216 70 : \$220,279 53 :: \$402,163 06 : \$105,512 86, leaving, as the net proceeds for Illinois, \$296,350 20; 10 per cent. on which amounts to \$29,635 02.

States and Territories.	Gross proceeds of lands sold in the States and Territories.	Proportion of expenses to be deducted, amounting to \$220,279 53.	Net proceeds of sales, after deducting proportion of expenses from the gross proceeds.	Additional allowance of 10 per cent. to the States on the net proceeds of sales therein.
Ohio,	\$12,534 27	\$3,297 88	\$9,236 39	\$932 64
Indiana,	39,125 53	10,294 29	28,831 24	2,583 12
Illinois,	402,163 06	105,812 86	296,350 20	29,635 02
Missouri,	113,832 94	29,950 51	83,882 43	8,388 24
Arkansas,	18,295 69	4,813 78	13,481 91	1,348 19
Louisiana,	38,377 32	10,097 43	28,279 89	2,827 99
Mississippi,	32,518 52	8,555 92	23,962 60	2,396 26
Alabama,	71,228 19	18,740 80	52,487 39	5,248 74
Michigan,	15,494 68	4,076 79	11,417 89	1,141 79
Wisconsin,	743,570 20	195,640 26	547,929 94	
Iowa,	93,646 50	24,639 27	69,007 23	
Florida,				
Total,	537,216 70	220,279 53	616,937 70	54,792 99



## X. REVENUE AND EXPENDITURE.

[From a Report of the Secretary of the Treasury, December 19, 1842.]

## THE PUBLIC REVENUE AND EXPENDITURE.

The balance in the Treasury on the 1st of January, 1842, (exclusive of the deposits with the States, trust funds, &c., was \$230,483 68

The receipts into the Treasury during the first three quarters of the present year, amount to \$26,616,593 78

Viz.: From Customs, - \$14,260,830 35

From Lands, - - - 1,091,638 95

From miscellaneous sources, 112,967 17

From Treasury notes, per act

15th February, 1841, - 1,060,206 05

From Treasury notes, per act

31st January, 1842, - 7,794,821 59

From Loan of 1841 - '42, 2,296,129 67

The receipts for the 4th quarter, it is estimated, will amount to - - - 7,886,000 00

Viz.: From Customs, - \$4,000,000 00

From Lands, - - - 366,000 00

From miscellaneous sources, 20,000 00

From Treasury notes, - - - 2,500,000 00

From Loan, - - - 1,000,000 00

Making the total estimated receipts for the year, \$34,502,593 78

And with the balance in the Treasury on the 1st January last, an aggregate of - - 34,733,077 46

The expenditures for the first three quarters of the present year have amounted to \$26,264,882 20

Viz.: Civil list, foreign intercourse, and miscellaneous, 4,371,933 93

Army, fortifications, pensions, fulfillment of Indian treaties, suppressing hostilities, &c., 7,065,035 95

Naval service, - - - 6,717,084 17

Treasury notes redeemed, including interest, - - - 7,856,400 35

Public debt, including interest on the loan, - - - 254,427 80

The expenditures for the 4th quarter are estimated at - - - - - \$8,238,278 15

Viz.: Civil, foreign intercourse, (including the amounts due to States for the public lands, and to Mississippi and Alabama, under act of Sept. 4, 1841,) \$2,144,013 97	
Army, fortifications, pensions, Indian treaties, &c., - - -	3,710,436 45
Naval service, - - -	1,828,385 15
Interest on loan, - - -	152,442 58
Unclaimed dividends, - - -	3,000 00
Principal and interest on Treas- ury notes, - - -	400,000 00
Add warrants issued prior to 1st Jan., 1842,	805,474 03
Making - - - - -	\$35,308,634 38
Leaving a deficiency in the Treasury on the 31st December, 1842, of - - -	575,556 92

The above estimates of expenditures for the 4th quarter of the present year, include, as it will be perceived, the sum of \$805,474 03, being the amount of outstanding warrants issued prior to the 1st January, 1842. It is presumed, however, that a like sum will remain outstanding on the 1st January next; and that instead of the apparent deficiency, there will be an actual balance in the Treasury of at least \$224,000.

*Statement of the Annual Expenditures of the United States, exclusive of the Public Debt and Trust Funds from January 1, 1836, to March 3, 1843.*

Years.	Civil, Miscel- laneous and Foreign In- tercourse.	Military es- tablishment, includi'g pen- sion and In- dian affairs.	Naval Establish- ment.	Total.
	\$	\$	\$	\$
1836,	5,388,370 58	16,466,449 76	5,827,616 65	29,682,636 99
1837,	5,524,252 76	19,417,274 44	6,552,059 80	31,793,587 00
1838,	5,666,702 68	19,936,311 57	5,975,770 98	31,578,785 23
1839,	4,994,562 35	14,268,961 50	6,225,002 75	25,488,546 60
1840,	5,581,578 19	11,621,437 93	6,124,456 17	23,327,772 29
January 1 to March 3, 1841,	943,526 88	2,122,060 84	724,261 98	3,519,849 70
March 4, 1841, to M'ch 3, 1842,	6,215,946 49	13,903,898 41	6,246,502 83	26,366,347 73
March 4, 1842, to M'ch 3, 1843,	6,865,451 62	8,248,917 83	7,963,677 66	23,078,047 17
	41,180,691 61	107,965,332 28	45,960,548 82	195,135,572 71

#### Revenue of 1842.

The Secretary of the Treasury, in his annual Report of the state of the Finances, estimated the receipts of the 4th quarter from Customs to amount to \$4,000,000. It appears from a recent statement, that the actual amount exceeded the estimates by over half a million, being as follows, viz.:

From cash duties, - - - -	\$3,116,370 73
And from bonds, - - - -	1,436,565 24
Total, - - - -	4,552,935 97

This, added to the receipt of the three first quarters, viz., \$14,260,830 35, makes the total amount of receipts of the year, from customs, \$18,813,766 32.

From the same Report of the Secretary of the Treasury, we copy the following statement:

*Of the Public Debt, December 1, 1842.*

Of the (old) funded and unfunded debt payable on presentation:

Funded Debt — principal,	- - -	\$52,087 62	
“ “ interest,	- - -	236,218 78	
		<hr/>	\$288,306 40
Unfunded — certificates for claims during			
the revolutionary war,	- -	26,622 44	
Treasury notes issued during the late war,		4,317 44	
Certificates of Mississippi stock,	-	4,330 09	
		<hr/>	35,259 97
			<hr/>
			\$323,566 37

Debts of the corporate cities of the District of Columbia, assumed per act of 26th May, 1836:

Of the city of Washington,	- - -	\$930,000 00	
“ “ Alexandria,	- - -	225,000 00	
“ “ Georgetown,	- - -	225,000 00	
		<hr/>	\$1,380,000 00

Loan of the 21st of July, 1841, redeemable after 1st of January, 1844, - - - - \$5,672,976 88

Loan of the 15th. of April, 1842, redeemable			
after 1st of January, 1863, - - -		3,126,385 78	
		<hr/>	8,799,362 66

Treasury notes outstanding, viz.:

Notes issued under the act of

October 12, 1837, - - -	\$29,406 07
May 21, 1838, and March 2, 1839, -	35,008 05
March 31, 1840, - - -	354,893 39
February 15, 1841, - - -	3,389,124 03
January 31, 1842, - - -	5,060,939 74
August 31, 1842, - - -	1,224,054 89
	<hr/>
	*10,093,426 17

\* This amount includes \$113,631 66, cancelled notes, in the hands of the accounting officers for settlement.

## XI. DAMAGES ON PROTESTED BILLS OF EXCHANGE.

[From the 4th edition of Chancellor Kent's Commentaries.]

The laws and usages of the States vary essentially on the subject of damages on protested Bills. In some cases, the regulations of States approximate to each other, while in others, they are widely different. In some cases, the law or rule is unlike, but the result is nearly similar; while, between other States, the result varies from four and a half to fifteen per cent.

In *Massachusetts*, the usage was to recover the amount of the protested Bill at the par of exchange, and interest, as in England, from the time payment of the dishonored Bill was demanded of the Drawee, and the charges of the protest, and ten per cent. damages in lieu of the price of exchange. But this rule has been changed, by statute, in 1825, 1835, and 1837; and Bills drawn or indorsed in that State, and payable without the limits of the United States, and duly protested for non-acceptance or non-payment, are now settled at the current rate of exchange and interest, and five per cent damages; and, if the Bill be drawn upon any place beyond the Cape of Good Hope, twenty per cent. damages. The rate of damages in *Massachusetts*, on inland Bills, payable out of the State, and drawn or indorsed within the State, and duly protested for non-acceptance or non-payment, is two per cent. in addition to the contents of the Bill, with interest and costs, if payable in any other New England State, or New York; and three per cent. if payable in New Jersey, Pennsylvania, Delaware, and Maryland; and four per cent., if payable in Virginia, District of Columbia, North Carolina, South Carolina, or Georgia; and five per cent., if payable in any other of the United States, or the Territories thereof.

In *Rhode Island*, the rule formerly was, according to the Revised Code, in 1776, on Bills returned from beyond sea, protested for non-acceptance or non-payment, ten per cent. damages, besides interest and costs.

The rule of damages in *Connecticut*, on Bills returned protested, and drawn on any person in New York, is two per cent. upon the principal sum specified in the Bill; in New Hampshire, Vermont, Maine, *Massachusetts*, *Rhode Island*, New York, (city of New York excepted,) New Jersey, Pennsylvania, Delaware, Maryland, Virginia, or Territory of Columbia, three per cent.; in North Carolina, South Carolina, Ohio, or Georgia, five per cent.; in any other part of the United States, eight per cent. upon such principal sum, and to be in lieu of interest and all other charges, and without any reference to the rate of exchange.

The rate of damages on Bills drawn and payable within the United States, or other parts of North America, was, in 1819, regulated in *New York* by statute, and the damages fixed at five, or seven and a half, or ten per cent., according to the distance or situation of the place, on which the Bill was drawn. But, by the new Revised Statutes, which went into operation on the 1st of January, 1830, the damages on Bills, foreign and inland, were made the subject of a more extensive regulation. They provide, that, upon Bills drawn or negotiated within the State, upon any person, at any place within the six States east of New York, or in New Jersey, Pennsylvania, Ohio, Delaware, Maryland, Virginia, or the District of Columbia, the damages to be allowed and paid, upon the usual protest for non-acceptance or non-payment, to the holder of the Bill, as purchaser thereof, or of some interest therein, for a valuable consideration, shall be three per cent. upon the principal sum specified in the Bill; and upon any person at any place within the States of North Carolina, South Carolina, Georgia, Kentucky, and Tennessee, five per cent.; and upon any person in any other State or Territory of the United States, or at any other place on, or adjacent to, this continent, and north of the

equator, or in any British or foreign possessions in the West Indies, or elsewhere in the Western Atlantic Ocean, or in Europe, ten per cent. The damages are to be in lieu of interest, charges of protest, and all other charges incurred previous to, and at the time of, giving notice of non-acceptance or non-payment. But the holder will be entitled to demand and recover interest upon the aggregate amount of the principal sum specified in the Bill, and the damages, from the time of notice of the protest for non-acceptance, or notice of a demand and protest for non-payment. If the contents of the Bill be expressed in the money of account of the United States, the amount due thereon, and the damages allowed for the non-payment, are to be ascertained and determined, without reference to the rate of exchange existing between New York and the place on which the Bill is drawn. But, if the contents of the Bill be expressed in the money of account, or currency of any foreign country, then the amount due, exclusive of the damages, is to be ascertained and determined by the rate of exchange, or the value of such foreign currency, at the time of the demand of payment.

In *Pennsylvania*, the rule, for a century past, was twenty per cent. damages, in lieu of reëchange; but by statute, in 1821, five per cent. damages were allowed upon Bills drawn upon any person in any other of the United States, except *Louisiana*; if on *Louisiana*, or any other part of North America, except the Northwest Coast and Mexico, ten per cent.; if on Mexico, the Spanish Main, or the islands on the coast of Africa, fifteen per cent.; and twenty per cent. upon protested Bills on Europe, and twenty-five per cent. upon other foreign Bills, in lieu of all charges, except the protest, and the amount of the Bill is to be ascertained and determined at the rate of exchange.

In *Maryland*, the rule, by statute, is fifteen per cent. damages, and the amount of the Bill ascertained at the current rate of exchange, or the rate requisite to purchase a good Bill of the same time of payment, upon the same place.

In *Virginia* and *South Carolina*, the damages, by statute, are fifteen per cent.

In *North Carolina*, by statute, in 1828, damages on protested Bills, drawn or indorsed in that State, and payable in any other part of the United States, except *Louisiana*, are six per cent.; payable in any other part of North America, except the West India Islands, ten per cent.; payable in South America, the African Islands, or Europe, fifteen per cent.; and payable elsewhere, twenty per cent.

The damages in *Georgia*, by statute, in 1827, on Bills drawn on a person in another State, and protested for non-payment, are five per cent.; and on foreign Bills, protested for non-payment, are ten per cent., together with the usual expenses and interest, and the principal to be settled at the current rate of exchange.

The damages on Bills, drawn in the State of *Alabama*, on any person resident within the State, are ten per cent.; and on any person out of it, and within the United States, are fifteen per cent.; and on persons out of the United States, twenty per cent. on the sum drawn for, together with incidental charges and interest.

In *Louisiana*, in 1838, the rate of damages, upon the protest for non-acceptance or non-payment of bills of exchange, drawn on, and payable in foreign countries, was declared by statute to be ten per cent.; and in any other State in the United States, five per cent., together with interest on the aggregate amount of principal and damages. On protested Bills, drawn and payable within the United States, the damages include all charges, such as premiums, and expenses, and interest on those damages, but nothing for the difference of exchange.

In *Mississippi*, the damages on inland Bills, protested for non-payment, are five per cent.; if drawn on any person resident out of the United States, ten per cent.

The damages in *Tennessee*, by statute, in 1830, on protested Bills, over and above the principal sum, and charges of protest, and interest on the principal sum, damages, and charge of protest from the time of notice, are three per cent. on the principal sum, if the Bill be drawn upon any person in the United States; and fifteen per cent., if upon any person in any other place, or State in North America, bordering on the Gulf of Mexico, or in the West Indies; and twenty per cent., if upon a person in any other part of the

world. These damages are in lieu of interest, and all other charges, except the charges of protest, to the time of notice of the protest, and demand of payment.

In *Kentucky*, the damages on foreign Bills, protested for non-acceptance or non-payment, are ten per cent.

The damages in *Indiana* and *Illinois*, on foreign bills, are ten per cent. ; and on Bills drawn on any person out of the State and within the United States, are five per cent. in addition to the costs and charges.

In *Missouri*, the damages on Bills of Exchange, drawn or negotiated within the State, and protested for non-acceptance or non-payment, against the drawer and indorser, are four per cent. on the principal sum ; if drawn on any person out of the State, but within the United States, ten per cent. ; if out of the United States, twenty per cent. ; the same rate of damages as against the acceptor on non-payment.

The inconvenience of a want of uniformity in the rule of damages, in the laws of the several States, is very great, and has been strongly felt. The mischiefs to commerce, and perplexity to our merchants, resulting from such discordant and shifting regulations, have been ably, justly, and frequently urged upon the consideration of Congress ; and the right of Congress to regulate, by some uniform rule, the rate and rule of recovery of damages upon protested foreign Bills, or Bills drawn in one State upon another, under the power in the Constitution, 'to regulate commerce with foreign nations, and among the several States,' and the expediency of the exercise of that right, have been well, and I think conclusively, shown in the official documents, which have been prepared on that subject.

## XII. SESSIONS OF CONGRESS.

*Table showing the commencement, close, and duration of each session of Congress, the number of Acts and Resolutions passed, and of Bills vetoed or retained by the Executive, and the Speakers of the House of Representatives.*

Congress.	Session.	Session		Days' duration.	Acts passed.	Bills defeated.	Speakers.
		Commenced.	Terminated.				
1	1	Mar. 4, 1789	Sept. 29, 1789	210	29	}	F. A. Muhlenberg, Penn.
	2	Jan. 4, 1790	Aug. 12, 1790	221	49		
2	3	Dec. 6, 1790	Mar. 3, 1791	88	29	1	Jon. Trumbull, Ct.
	1	Oct. 24, 1791	May 8, 1792	198	45		
3	2	Nov. 5, 1792	Mar. 2, 1793	118	32	}	F. A. Muhlenberg.
	1	Dec. 2, 1793	June 9, 1794	190	66		
4	2	Nov. 3, 1794	Mar. 3, 1795	121	53	}	Jona. Dayton, N. J.
	1	Dec. 7, 1795	June 1, 1796	178	55		
5	2	Dec. 5, 1796	Mar. 3, 1797	89	30	1	Jona. Dayton.
	1	May 15, 1797	July 10, 1797	57	17		
6	2	Nov. 13, 1797	July 16, 1798	246	90	}	T. Sedgwick, Mass.
	3	Dec. 3, 1798	Mar. 3, 1799	91	49		
7	1	Dec. 2, 1799	May 14, 1800	165	76	}	Nath. Macon, N. C.
	2	Nov. 17, 1800	Mar. 3, 1801	107	36		
7	1	Dec. 7, 1801	May 3, 1802	148	55	}	
	2	Dec. 6, 1802	Mar. 3, 1803	88	40		

TABLE CONTINUED.

Congress.	Session.	Session		Days' duration.	Acts passed.	Bills defeated.	Speakers.
		Commenced.	Terminated.				
8	1 Oct. 17, 1803	Mar. 27, 1804	163	62			Nath. Macon.
	2 Nov. 5, 1804	Mar. 3, 1805	119	46			
9	1 Dec. 2, 1805	Apr. 21, 1806	141	46			Nath. Macon.
	2 Dec. 1, 1806	Mar. 3, 1807	93	49			
10	1 Oct. 26, 1807	Apr. 25, 1808	183	68			J. B. Varnum, Mass.
	2 Nov. 7, 1808	Mar. 3, 1809	117	37			
11	1 May 22, 1809	June 28, 1809	38	17			J. B. Varnum.
	2 Nov. 27, 1809	May 1, 1810	156	51			
12	3 Dec. 3, 1810	Mar. 3, 1811	91	45	2		
	1 Nov. 4, 1811	July 6, 1812	246	142	1		Henry Clay, Ken.
13	2 Nov. 2, 1812	Mar. 3, 1813	122	66			Henry Clay.
	1 May 24, 1813	Aug. 2, 1813	71	59			Lang. Cheves, S. C.
14	2 Dec. 6, 1813	Apr. 18, 1814	134	99			
	3 Sept. 19, 1814	Mar. 3, 1815	166	113	1		Henry Clay.
15	1 Dec. 4, 1815	Apr. 30, 1816	149	181			
	2 Dec. 2, 1816	Mar. 3, 1817	92	117			Henry Clay.
16	1 Dec. 1, 1817	Apr. 20, 1818	151	142			Henry Clay.
	2 Nov. 16, 1818	Mar. 3, 1819	108	114			Henry Clay.
17	1 Dec. 6, 1819	May 15, 1820	162	143			J. W. Taylor, N. Y.
	2 Nov. 13, 1820	Mar. 3, 1821	111	65			P. P. Barbour, Va.
18	1 Dec. 3, 1821	May 8, 1822	157	133	1		
	2 Dec. 2, 1822	Mar. 3, 1823	92	106			Henry Clay.
19	1 Dec. 1, 1823	May 27, 1824	179	212			
	2 Dec. 6, 1824	Mar. 3, 1825	85	124			John W. Taylor.
20	1 Dec. 5, 1825	May 22, 1826	169	162			
	2 Dec. 4, 1826	Mar. 3, 1827	90	103			A. Stevenson, Va.
21	1 Dec. 3, 1827	May 26, 1828	176	158			
	2 Dec. 1, 1828	Mar. 3, 1829	93	67			A. Stevenson.
22	1 Dec. 7, 1829	May 31, 1830	176	243	4		
	2 Dec. 6, 1830	Mar. 3, 1831	88	126			A. Stevenson.
23	1 Dec. 5, 1831	July 14, 1832	223	311	3		
	2 Dec. 3, 1832	Mar. 3, 1833	91	147	1		A. Stevenson,
24	1 Dec. 2, 1833	June 30, 1834	211	277	1		John Bell, Tenn.
	2 Dec. 1, 1834	Mar. 3, 1835	93	113			Jas. K. Polk, Tenn.
25	1 Dec. 7, 1835	July 4, 1836	211	377	1		
	2 Dec. 5, 1836	Mar. 3, 1837	89	81			James K. Polk.
26	1 Sept. 4, 1837	Oct. 16, 1837	43	11			
	2 Dec. 4, 1837	July 9, 1838	218	277			R. M. T. Hunter, Va.
27	3 Dec. 3, 1838	Mar. 3, 1839	91	249			
	1 Dec. 2, 1839	July 21, 1840	233	106			John White, Ken.
	2 Dec. 7, 1840	Mar. 3, 1841	87	41			
	1 May 31, 1841	Sept. 13, 1841	106	30	2		
	2 Dec. 6, 1841	Aug. 31, 1842	269	299	4		
	3 Dec. 5, 1842	Mar. 3, 1843	89	186			

## XIII. SENATORS AND REPRESENTATIVES IN CONGRESS,\*

*From the commencement of the Government under the Constitution, to the end of the 27th Congress, March 3d, 1843, with the beginning and termination of their respective periods of office. [Corrected from the Treasurer's accounts.]*

The American Almanac for 1834 contained a list of the members of Congress complete up to the end of the 22d Congress. It has been carefully revised, and is now continued, for a further period of ten years and five Congresses, up to the present day. The whole has been corrected by comparison with the official records at Washington, and is believed to be as perfect as such a list can be made.

## MAINE;—1820.

*Senators.*

	In. Out.		In. Out.
		Hill, Mark L.,	1821-23
		Holland, Cornelius,	1831-33
		Jarvis, Leonard,	1831-37
Chandler, John,	1820-29	Kavanagh, Edward,	1831-35
Evans, George,	1841-47	Kidder, David,	1823-27
	{ 1820-27	Lincoln, Enoch,	1821-26
Holmes, John,	{ 1828-33	Littlefield, Nat. S.,	1841-43
		Longfellow, S.,	1823-25
Parris, Albion K.,	1827-28	Lowell, Joshua A.,	1839-43
Ruggles, John,	1835-41	Marshall, Alfred,	1841-43
Sprague, Peleg,	1829-35	Mason, Moses,	1834-37
Shepley, Ether,	1833-37	McIntire, Rufus,	1826-35
Williams, Reuel,	1837-43	Noyes, Joseph C.,	1837-39

*Representatives.*

		Parks, Gorham,	1833-37
Allen, Elisha H.,	1841-43	Parris, Virgil D.,	1838-41
Anderson, Hugh J.,	1837-41	Randall, Benjamin,	1839-43
Anderson, John,	1825-33	Ripley, James W.,	1827-31
Bailey, Jeremiah,	1835-37	Robinson, Edward,	1838-39
Bates, James,	1831-33	Smith, Albert,	1839-41
Bronson, David,	1841-43	Smith, F. O. J.,	1833-39
Burleigh, William,	1823-27	Sprague, P.,	1825-29
Butman, Samuel,	1827-31	Whitman, E.,	1821-22
Carter, Timothy J.,	1837-38	Williamson, W. D.,	1821-23
Cilley, Jonathan,	1837-38	Wingate, J. F.,	1827-31
Clifford, Nathan,	1839-43		
Cushman, Joshua P.,	1821-25		

## NEW HAMPSHIRE.

*Senators.*

		Bell, Samuel,	1823-35
		Cutts, Charles,	1810-13
		Gilman, Nicholas,	1805-14
		Hill, Isaac,	1831-36
		Hubbard, Henry,	1835-41
Evans, George,	1829-41		
Fairfield, John,	1835-39		
Fessenden, Wm. P.,	1841-43		
Hall, Joseph,	1833-37		
Harris, Mark,	1822-23		
Herrick, Ebenezer,	1821-27		

\* A list of members of the present, or 28th, Congress, so far as they are chosen at the time of our publication, will be found in the latter part of this volume



	In. Out.		In. Out.
Langdon, John,	1789-1801	Hall, Obed,	1811-13
Livermore, S.,	1793-1801	Hammons, Joseph,	1829-33
Mason, Jeremiah,	1813-17	Harper, John A.,	1811-13
Morrill, David L.,	1817-23	Harper, Joseph M.,	1831-35
Olcott, Simeon,	1801-05	Harvey, Jonathan,	1825-31
Page, John,	1836-37	Harvey, Matthew,	1821-25
Parker, Nahum,	1807-10	Haven, Nathaniel A.,	1809-11
Parrott, John F.	1819-25	Healy, Joseph,	1825-29
Pierce, Franklin,	1837-42	Hough, David,	1803-07
Plumer, William,	1802-07	Hubbard, Henry,	1829-35
Sheafe, James,	1801-02	Hunt, Samuel,	1802-05
Storer, Clement,	1817-19	Livermore, Arthur,	{ 1817-21
Thompson, T. W.,	1814-17		{ 1823-25
Wilcox, Leonard,	1842-43	Livermore, S.,	1789-93
Wingate, Paine,	1789-93	Matson, Aaron,	1821-25
Woodbury, Levi,	{ 1825-31	Parrott, John F.,	1817-19
	{ 1841-47	Peirce, Joseph,	1801-02
		Pierce, Franklin,	1833-37
		Plumer, William, Jr.,	1819-25
		Reding, John R.,	1841-43
		Shaw, Tristram,	1839-43

*Representatives.*

Atherton, Charles G.,	1837-43	Shaw, Tristram,	1839-43
Atherton, C. H.,	1815-17	Sheafe, James,	1799-1801
Barker, David,	1827-29	Sherburne, J. S.,	1793-97
Bartlett, Ichabod,	1823-29	Smith, Jedediah K.,	1807-09
Bartlett, Josiah,	1811-13	Smith, Jeremiah,	1791-97
Bean, Benning M.,	1833-37	Smith, Samuel,	1813-15
Betton, Silas,	1803-07	Sprague, Peleg,	1797-99
Blaisdell, Daniel,	1809-11	Storer, Clement,	1807-09
Brodhead, John,	1829-33	Sullivan, George,	1811-13
Brown, Titus,	1825-29	Tenney, Samuel,	1800-07
Buffum, Joseph,	1819-21	Thompson, T. W.,	1805-07
Burke, Edmund,	1839-43	Upham, George B.,	1801-03
Burns, Robert,	1833-37	Upham, Nathaniel,	1817-23
Butler, Josiah,	1817-23	Vose, Roger,	1813-17
Carlton, Peter,	1807-09	Webster, Daniel,	1813-17
Chamberlain, J. C.	1809-11	Weeks, John W.,	1829-33
Chandler, Thomas,	1829-33	Weeks, Joseph,	1835-39
Cilley, Bradbury,	1813-17	Whipple, Thomas,	1821-29
Clagett, Clifton,	{ 1803-05	Wilcox, Jeduthan,	1813-17
	{ 1817-21	Williams, Jared W.,	1837-41
Cushman, Samuel,	1835-39	Wilson, James,	1809-11
Dinsmoor, Samuel,	1811-13	Wingate, Paine,	1793-95
Durell, Daniel M.,	1807-09		
Eastman, Ira A.,	1839-43		
Eastman, Nehemiah,	1825-27		
Ellis, Caleb,	1805-07		
Farrington, James,	1837-39		

VERMONT; — 1791.

*Senators.*

Foster, Abiel,	{ 1789-91	Bradley, S. R.,	{ 1791-95
	{ 1795-1803		{ 1801-13
Freeman, Jona.,	1797-1801	Chase, Dudley,	{ 1813-17
Gardner, Francis,	1807-09		{ 1825-31
Gilman, Nicholas,	1789-97	Chipman, Nathaniel,	1797-1802
Gordon, William,	1797-1800	Crafts, Samuel C.,	1842-43
Hale, Salma,	1817-19	Fisk, James,	1817-18
Hale, William,	{ 1809-11	Paine, Elijah,	1795-1801
	{ 1813-17	Palmer, William A.,	1818-25

	In. Out.		In. Out.
Phelps, Samuel S.,	1839-45	Rich, Charles,	{ 1813-15
Prentiss, Samuel,	1831-42		{ 1817-24
Robinson, Jonathan,	1807-15	Richards, Mark,	1817-21
Robinson, Moses,	1791-96	Shaw, Samuel,	1808-13
Seymour, Horatio,	1821-33	Skinner, Richard,	1813-15
Smith, Israel,	1802-07	Slade, William,	1831-43
Swift, Benjamin,	1833-39	Smith, Israel,	{ 1791-97
Tichenor, I.	{ 1796-97		{ 1801-02
	{ 1815-21	Smith, John,	1839-41

*Representatives.*

Allen, Heman,	{ 1817-19	Strong, William,	{ 1811-15
	{ 1827-28		{ 1819-21
	{ 1833-39	Swift, Benjamin,	1829-31
	{ 1813-15	Wales, George E.,	1825-29
	{ 1823-27	White, Phineas,	1821-23
	{ 1795-97	Witherell, James,	1807-08
	{ 1823-25	Young, Augustus,	1841-43
	{ 1827-29		

Bradley, William C.,

Buck, Daniel,

Buck, D. A. A.,

Butler, Ezra,

Cahoon, William,

Chamberlain, William,

Chipman, Daniel,

Chittenden, M.,

Crafts, Samuel C.,

Deming, Benjamin F.,

Elliot, James,

Everett, Horace,

Fisk, James,

Fletcher, Isaac,

Hall, Hiland,

Hubbard, Jonathan H.,

Hunt, Jonathan,

Hunter, William,

Janes, Henry F.,

Jewett, Luther,

Keyes, Elias,

Langdon, C.,

Lyon, Asa,

Lyon, Matthew,

Mallery, Rollin C.,

Marsh, Charles,

Mattocks, John,

Meech, Ezra,

Merrill, Orsamus C.,

Morris, Lewis R.,

Niles, Nathaniel,

Noyes, John,

Olin, Gideon,

Olin, Henry,

## MASSACHUSETTS.

*Senators.*

Adams, John Q.,	1803-08
Ashmun, Eli P.,	1816-18
Bates, Isaac C.,	1841-47
Cabot, George,	1791-96
Choate, Rufus,	1841-45
Dalton, Tristram,	1789-91
Davis, John,	1835-41
Dexter, Samuel,	1799-1800
Foster, Dwight,	1800-03
Goodhue, Benjamin,	1796-1800
Gore, Christopher,	1813-16
Lloyd, James,	{ 1808-13
	{ 1822-26
Mason, Jonathan,	1800-03
Mellen, Prentiss,	1818-20
Mills, Elijah H.,	1820-27
Otis, Harrison G.,	1817-22
Pickering, Timothy,	1803-11
Sedgwick, Theodore,	1796-99
Silsbee, Nathaniel,	1826-35
Strong, Caleb,	1789-96
Varnum, Joseph B.,	1811-17
Webster, Daniel,	1827-41

*Representatives.*

Adams, Benjamin,	1816-21
Adams, J. Q.,	1831-43
Allen, Joseph,	1810-11
Allen, Samuel C.,	1817-29
Ames, Fisher,	1789-97
Appleton, Nathan,	{ 1831-33
	{ 1842-42
Bacon, Ezekiel,	1807-13
Bacon, John,	1801-03
Bailey, John,	1823-31
Baker, Osmyn,	1840-43

	In. Out.		In. Out.
Barker, Joseph,	1805-09	Freeman, Nathaniel,	1795-99
Bartow, Gideon,	1821-23	Fuller, Timothy,	1817-25
Bartlett, Bailey,	1797-1801	Gage, Josiah,	1817-19
Bates, Isaac C.,	1827-36	Gannett, Barzillai,	1809-11
Baylies, Francis,	1821-27	Gardner, Gideon,	1809-11
Baylies, William,	{ 1805-09	Gerry, Elbridge,	1789-93
	{ 1813-17	Goodhue, Benjamin,	1789-96
Baylies, William,	1833-35		{ 1820-23
Bidwell, Barna.,	1805-07	Gorham, Benjamin,	{ 1827-31
Bigelow, Abijah,	1810-15		{ 1833-35
Bigelow, Lewis,	1821-23	Green, I. L.,	{ 1805-09
Bishop, Phanuel,	1799-1807		{ 1811-13
Borden, N. B.,	{ 1835-39	Grennell, George, Jr.,	1829-39
	{ 1842-43	Groat, Jonathan,	1789-91
Bourne, S.,	1791-95	Hastings, Seth,	1801-07
Bradbury, George,	1813-17	Hastings, William S.,	1837-42
Bradbury, Theop.,	1795-97	Hill, Mark L.,	1819-21
Briggs, George N.,	1831-43	Hoar, Samuel,	1835-37
Brigham, Elijah,	1811-16	Hobart, Aaron,	1826-27
Brown, Benjamin,	1815-17	Hodges, James L.,	1827-31
Bruce, Phineas,	1803-05	Holten, Samuel,	1793-95
Bullock, Stephen,	1797-99	Holmes, John,	1817-20
Burnell, Barker,	1841-43	Hubbard, Levi,	1813-15
Calhoun, William B.,	1835-43	Hudson, Charles,	1841-43
Carr, Francis,	1812-13	Hulbert, John W.,	1814-17
Carr, James,	1815-17	Isley, Daniel,	1807-09
Chandler, John,	1805-08	Jackson, William,	1834-37
Choate, Rufus,	1831-35	Kendall, Joseph,	1819-21
Cobb, David,	1793-95	Kendall, J. G.,	1829-33
Coffin, Peleg,	1793-95	King, Cyrus,	1813-17
Conner, Samuel S.,	1815-17	Kinsley, Martin,	1819-21
Cook, Orchard,	1805-11	Larned, Simeon,	1804-05
Crowninshield, B. W.,	1823-31	Lathrop, Samuel,	1819-27
Crowninshield, Jacob,	1803-08	Lawrence, Abbott,	{ 1835-37
Cushing, Caleb,	1835-43		{ 1839-40
Cushman, Joshua P.,	1819-21	Lee, Silas,	1799-1801
Cutler, Manasseh,	1801-05	Leonard, George,	{ 1789-93
Cutts, Richard,	1801-13		{ 1795-07
Dana, Samuel,	1814-15	Lincoln, Levi,	1799-1801
Davis, John,	1825-34	Lincoln, Levi,	1834-41
Davis, Samuel,	1813-15	Lincoln, Enoch,	1818-21
Deane, Josiah,	1807-09	Livermore, Edward S.,	1807-11
Dearborn, Henry,	1793-97	Locke, John,	1823-29
Dearborn, H. A. S.,	1831-33	Lyman, Samuel,	1795-1800
Dewey, Daniel,	1813-14	Lyman, William,	1793-97
Dexter, Samuel,	1793-95	Mason, Jonathan,	1817-20
Dowse, Edward,	1819-20	Mattoon, Eben.,	1800-03
Dwight, Henry W.,	1821-31	Mills, Elijah H.,	1815-19
Dwight, Thomas,	1803-05	Mitchell, Nahum,	1803-05
Ely, William,	1805-15	Morton, Marcus,	1817-21
Eustis, William,	{ 1801-05		{ 1805-07
	{ 1820-23	Nelson, Jer.,	{ 1815-23
Everett, Edward,	1825-35	Orr, Benjamin,	1817-19
Fletcher, Richard,	1837-39	Osgood, Gayton P.,	1833-35
Folger, Walter,	1817-21	Otis, Harrison G.,	1797-1801
Foster, Dwight,	1793-99		

	In. Out.		In. Out.
Parker, James,	{ 1813-15	Wilson, John,	{ 1813-15
	{ 1819-21		{ 1817-19
Parker, Isaac,	1797-99	Winthrop, Robert C.,	1841-43
Parmenter, William,	1837-43	Wood, Abiel,	1813-15
Parris, A. K.,	1815-18		
Partridge, George,	1789-91	RHODE ISLAND.	
Phillips, Stephen C.,	1835-39		
Pickering, Timothy,	1813-17	<i>Senators, 1790.</i>	
Pickman, Benjamin,	1809-11	Bradford, William,	1793-97
Quincy, Josiah,	1805-13	Burrill, James,	1817-21
Read, John,	1795-1801	Champlin, C. G.,	1809-11
	{ 1813-17	De Wolf, James,	1821-25
Reed, John,	{ 1821-41	Dixon, Nathan F.,	1839-42
Reed, Nathan,	1806-03	Ellery, Christopher,	1801-05
Reed, William,	1811-15	Fenner, James,	1805-07
Rice, Thomas,	1815-19	Foster, Theodore,	1790-1803
Richardson, J.,	1827-31	Greene, Ray,	1797-1801
Richardson, W. M.,	1811-14	Howell, Jer B.,	1811-17
Ruggles, Nathaniel,	1813-19	Howland, Benjamin,	1804-09
Russell, Jona.,	1821-23	Hunter, William,	1811-21
Saltonstall, Leverett,	1839-43	Knight, Nehemiah R.,	1821-41
Sampson, Zabdiel,	1817-20	Malbone, Francis,	1809-09
Seaver, Eben.,	1803-13	Matthewson, Elisha,	1807-11
	{ 1789-96	Potter, Samuel J.,	1803-04
Sedgwick, T.,	{ 1799-1801	Robbins, Asher,	1825-39
Sewall, Samuel,	1796-1800	Simmons, J. F.,	1841-47
Shaw, Henry,	1817-21	Sprague, William,	1842-45
Shepard, William,	1797-1803	Stanton, Joseph,	1790-93
Sibley, Jonas,	1823-25		
Silsbee, Nathaniel,	1817-21	<i>Representatives, 1790.</i>	
Skinner, Thompson J.,	{ 1796-99	Boss, John L.,	1815-19
	{ 1803-04	Bourne, Benjamin,	1790-96
Smith, Josiah,	1801-03	Brown, John,	1799-1801
Stearns, Asahel,	1815-17	Burgess, Tristram,	1825-35
Stedman, William,	1803-10	Champlin, C. G.,	1797-1801
Story, Joseph,	1808-09	Cranston, Robert B.,	1837-43
Strong, Solomon,	1815-19	Durfee, Job,	1821-25
Taggart, Samuel,	1803-17	Eddy, Samuel,	1819-25
Tallman, Peleg,	1811-13	Hazard, Nathaniel,	1819-21
Thacher, George,	1789-1801	Jackson, Richard S.,	1808-15
Thacher, Samuel,	1802-05	Knight, Nehemiah,	1803-08
Turner, Charles,	1809-13	Malbone, Francis,	1793-97
Upham, Jabez,	1807-10	Mason, James B.,	1815-19
Varnum, John,	1825-31		{ 1825-33
Varnum, Joseph B.,	1795-1811	Pearce, Duttee J.,	{ 1834-37
Wadsworth, P.,	1793-1807		{ 1796-97
Ward, Artemas,	1791-95	Potter, Elisha R.,	{ 1809-15
Ward, Artemas,	1813-17	Sprague, William, Jr.,	1835-37
Webster, Daniel,	1823-27	Stanton, Joseph,	1801-07
Wheaton, Laban,	1809-17	Tillinghast, Joseph,	1837-43
White, Leonard,	1811-13		{ 1797-99
	{ 1809-11	Tillinghast, Thomas,	{ 1801-03
Whitman, E.,	{ 1817-21		1807-09
	1811-13	Wilbur, Isaac,	
Widgery, William,	1839-42		
Williams, Henry,	1799-1805		
Williams, Lemuel,			

	In. Out.		In. Out.
<b>CONNECTICUT.</b>		Huntington, B.,	1789-91
<i>Senators.</i>		Huntington, E.,	{ 1810-11 1817-19
Betts, Thaddeus,	1839-40	Huntington, J. W.,	1829-34
Boardman, Elijah,	1821-23	Ingersoll, Ralph J.,	1825-33
Daggett, David,	1813-19	Ingham, Samuel,	1835-39
Dana, Samuel W.,	1810-21	Judson, Andrew,	1835-36
Edwards, H. W.,	1823-27	Larned, Amasa,	1791-95
Ellsworth, Oliver,	1789-96	Law, Lyman,	1811-17
Foot, Samuel A.,	1827-33	Merwin, Orange,	1825-29
Goodrich, C.,	1807-13	Moseley, Jona. O.,	1805-21
Hillhouse, James,	1796-1810	Osborne, Thomas B.,	1839-43
Huntington, Jabez W.,	1840-45	Perkins, Elias,	1801-03
Johnson, William S.,	1789-91	Phelps, E.,	{ 1819-21 1825-29
Lanman, James,	1819-25	Phelps, Launcelot,	1835-39
Mitchell, S. M.,	1793-95	Pitkin, Timothy,	1805-19
Niles, John M.,	1836-39	Plant, David,	1827-29
Sherman, Roger,	1791-93	Russ, John,	1819-23
Smith, Nathan,	1833-36	Sherman, Roger,	1789-91
Smith, Perry,	1837-43	Sherwood, S. B.,	1817-19
Tomlinson, Gideon,	1831-37	Smith, John C.,	1800-06
Tracy, Uriah,	1796-1807	Smith, Nathaniel,	1795-99
Trumbull, Jonathan,	1795-96	Smith, Truman,	1839-43
Willey, Calvin,	1825-31	Stephens, James,	1819-21
		Sterling, Ansel,	1821-25
<i>Representatives.</i>		Stoddard, Eben.,	1821-25
Allen, John,	1797-99	Storrs, William L.,	{ 1829-33 1839-40
Baldwin, John,	1825-29	Sturges, Jona.,	1789-93
Baldwin, Simeon,	1803-05	Sturges, Lewis B.,	1805-17
Barber, Noyes,	1821-35	Swift, Zephaniah,	1793-97
Boardman, William W.,	1841-43	Talmadge, Benjamin,	1801-17
Brace, Jonathan,	1798-1800	Terry, Nathaniel,	1817-19
Brockway, John H.,	1839-43	Tomlinson, G.,	1819-27
Burrows, Enoch,	1821-23	Toucey, Isaac,	1835-39
Champion, Epaphroditus,	1807-17	Tracy, Uriah,	1793-96
Coit, Joshua,	1793-98	Trumbull, J.,	1789-95
Dana, Samuel W.,	1796-1810	Trumbull, Joseph,	1839-43
Davenport, James,	1793-98	Tweedy, Samuel,	1833-35
Davenport, John,	1799-1817	Wadsworth, Jeremiah,	1789-95
Dwight, Theodore,	1806-07	Whitman, L.,	1823-25
Edmond, William,	1798-1801	Whittlesey, Th. T.,	1836-39
Edwards, H. W.,	1819-23	Wildman, Zalmon,	1835-36
Ellsworth, W. W.,	1829-34	Williams, Thomas S.,	1817-19
	{ 1819-21	Williams, Thomas W.,	1839-43
Foot, S. A.,	{ 1823-25	Young, Ebenezer,	1829-35
Gilbert, Sylvester,	1833-34		
Goddard, Calvin,	1818-19		
Goodrich, C.,	1801-05	NEW YORK.	
Goodrich, Elizur,	1795-1801	<i>Senators.</i>	
Griswold, Roger,	1799-1801	Armstrong, John,	{ 1800-02 1803-04
Haley, Elisha,	1795-1805	Bailey, Theodore,	1803-04
Hillhouse, James,	1835-39	Burr, Aaron,	1791-97
Holmes, Uriel,	1791-96		
Holt, Orrin,	1817-18		
	1837-39		

	In. Out.		In. Out.
Clinton, De Witt,	1802-03	Blair, Barnard,	1841-43
Dudley, Charles E.,	1828-33	Blake, John,	1805-09
German, Obadiah,	1809-15	Bleecker, Hermanus,	1811-13
Hobart, John S.,	1797-98		{ 1829-31
King, Rufus,	{ 1789-96	Bockee, Abraham,	{ 1833-37
	{ 1813-25	Bolle, Charles,	1833-35
Lawrence, John,	1796-1800	Borland, Charles,	1821-23
Marcy, William L.,	1831-32	Borst, Peter J.,	1829-31
Mitchell, Samuel L.,	1804-09	Bouck, Joseph,	1831-33
Morris, G.,	1800-03	Bovee, Matthias J.,	1835-37
North, William,	1798-98	Bowers, John M.,	1813-14
Sanford, Nathan,	{ 1815-21	Bowne, Samuel S.,	1841-43
	{ 1825-31	Boyd, Alexander,	1813-15
Schuyler, Philip,	1789-91	Brewster, David P.,	1839-43
Smith, John,	1804-13		{ 1831-33
Tallmadge, Nathaniel P.,	1833-45	Broadhead, John C.,	{ 1837-39
Van Buren, Martin,	1821-28	Bronson, Isaac H.,	1837-39
Watson, J.,	1798-1800	Brooks, David,	1797-99
Wright, Silas,	1833-43	Brooks, Micah,	1815-17
		Brown, Anson,	1839-40
		Brown, John W.,	1833-37
		Bruyn, Andrew D. W.,	1837-39
		Bunner, Rudolph,	1827-29
		Cady, Daniel,	1815-17
		Cady, John W.,	1823-25
		Cambreleg, Churchill C.,	1821-39
		Campbell, Samuel,	1821-23
		Case, Walter,	1819-21
		Chapin, G. H.,	1835-37
		Chase, Samuel,	1827-29
			{ 1829-31
		Childs, Timothy,	{ 1835-39
			{ 1841-43
		Chittenden, Thomas C.,	1839-43
		Clark, Archibald S.,	1816-17
		Clark, Lot,	1823-25
		Clark, Robert,	1819-21
		Clark, Samuel,	1833-35
			{ 1827-29
		Clarke, John C.,	{ 1837-43
			{ 1841-43
		Clarke, Staley N.,	1804-09
		Clinton, George,	1841-43
		Clinton, James G.,	1797-99
		Cochran, John,	1821-23
		Colden, Cadwallader D.,	1823-25
		Cotlins, Ela,	1831-33
		Collyer, John A.,	1813-19
		Comstock, Oliver C.,	1821-23
		Conkling, Alfred,	1831-33
		Cook, Bates,	1811-13
		Cook, Thomas B.,	{ 1793-97
			{ 1799-1801
		Cooper, William,	1829-31
		Cowles, H. B.,	{ 1823-25
			{ 1829-30
		Craig, Hector,	

*Representatives.*

Adams, John,	1833-35	Bunner, Rudolph,	1827-29
Adams, Parmenio,	1823-27	Cady, Daniel,	1815-17
Adgate, David,	1815-17	Cady, John W.,	1823-25
Allen, Judson,	1839-41	Cambreleg, Churchill C.,	1821-39
Allen, Nathaniel,	1819-21	Campbell, Samuel,	1821-23
Andrews, John T.,	1837-39	Case, Walter,	1819-21
Angel, William G.,	{ 1825-27	Chapin, G. H.,	1835-37
	{ 1829-33	Chase, Samuel,	1827-29
Arnold, Benedict,	1829-31		{ 1829-31
Ashley, Henry,	1825-27	Childs, Timothy,	{ 1835-39
	{ 1811-15		{ 1841-43
Avery, David,	{ 1816-17	Chittenden, Thomas C.,	1839-43
Babcock, Alfred,	1841-43	Clark, Archibald S.,	1816-17
Babcock, William,	1831-33	Clark, Lot,	1823-25
Badger, Luther,	1825-27	Clark, Robert,	1819-21
Bailey, Theodore,	{ 1793-97	Clark, Samuel,	1833-35
	{ 1799-1803		{ 1827-29
Baker, Caleb,	1819-21	Clarke, John C.,	{ 1837-43
	{ 1827-29		{ 1841-43
Barnard, D. D.,	{ 1839-43	Clarke, Staley N.,	1804-09
Barstow, Gamaliel H.,	1831-33	Clinton, George,	1841-43
Barton, Samuel,	1835-37	Clinton, James G.,	1797-99
Beardsley, Samuel,	1831-36	Cochran, John,	1821-23
Beekman, Thomas,	1829-31	Colden, Cadwallader D.,	1823-25
Belden, George O.,	1827-29	Cotlins, Ela,	1831-33
Benson, Egbert,	1789-93	Collyer, John A.,	1813-19
Bergen, John T.,	1831-33	Comstock, Oliver C.,	1821-23
Betts, Samuel R.,	1815-17	Conkling, Alfred,	1831-33
Bicknell, Bennet,	1837-39	Cook, Bates,	1811-13
Bird, John,	1799-1801	Cook, Thomas B.,	{ 1793-97
Birdsall, James,	1815-17		{ 1799-1801
Birdsall, Samuel,	1837-39	Cooper, William,	1829-31
Birdseye, Victory,	1815-17	Cowles, H. B.,	{ 1823-25
Birdseye, Victory,	1841-43		{ 1829-30
		Craig, Hector,	

	In. Out.		In. Out.
Cramer, John,	1833-37	Frost, Joel,	1823-25
Crocheron, Henry,	1815-17	Fuller, Philo C.,	1833-37
Crocheron, Jacob,	1829-31	Fuller, William K.,	1833-37
Cruger, Daniel,	1817-19	Gallup, Albert,	1837-39
Curtis, Edward,	1837-41	Gardinier, Barent,	1807-11
Cushman, John P.,	1817-19	Garnsey, Daniel G.,	1825-30
Dana, Amasa,	1839-41	Garrow, Nathaniel,	1827-29
Davis, Richard D.,	1841-43	Gates, Seth M.,	1839-43
Day, Rowland,	{ 1823-25	Gebhard, John,	1821-23
Dayan, Charles,	{ 1833-35	Geddes, James,	1813-15
De Graff, John T.,	{ 1831-33	Gilbert, Ezekiel,	1793-97
Deitz, William,	{ 1827-29	Gillett, R. H.,	1833-37
De Witt, Charles G.,	{ 1837-39	Glen, Henry,	1793-1801
De Witt, Jacob H.,	1825-27	Gold, Thomas R.,	{ 1809-13
Dickinson, J. D.,	1829-31		{ 1815-17
Dickson, John,	1819-21	Gordon, James,	1791-95
Doig, Andrew W.,	{ 1819-23	Gordon, Samuel,	1841-43
Doneyelles, Peter,	1827-31	Granger, Francis,	{ 1835-37
Doubleday, Ulysses F.,	1831-35		{ 1839-43
Drake, John R.,	1839-43	Grant, Abraham P.,	1837-39
Dwinell, Justin,	1813-15	Gray, Hiram,	1837-39
Eager, S. W.,	{ 1831-33	Greig, John,	1841-42
Earl, Nehemiah H.,	{ 1835-37	Grinnell, Moses H.,	1839-41
Earle, Jonas,	1807-19	Griswold, G.,	1803-05
Eaton, Lewis,	1823-25	Gross, Ezra C.,	1819-21
Edwards, John,	1837-43	Grosvenor, T. P.,	1813-17
Effner, Valentine,	1835-37	Guyon, John,	1820-21
Egbert, Joseph,	1841-43	Hackley, A.,	1819-21
Ellicott, Benjamin,	1817-19	Hall, George,	1819-21
Elmendorf, Lucas,	1797-1803	Hallock, John,	1825-29
Ely, John,	1839-41	Halsey, Jehiel H.,	1829-31
Emott, James,	1809-13	Halsey, Nicoll,	1833-35
Faber, —,	1828-29	Halsey, Silas,	1805-07
Farlin, Dudley,	1835-37	Hammond, Jabez D.,	1815-17
Fay, John,	1819-21	Hand, Augustus C.,	1839-41
Ferris, Charles G.,	1841-43	Hard, Gideon,	1833-37
Fillmore, Millard,	{ 1833-35	Harris, John,	1807-09
Finch, Isaac,	{ 1837-43	Hasbrouck, Abraham,	1813-15
Fine, John,	1829-31	Hasbrouck, A. B.,	1825-27
Fisher, George,	1839-41	Hasbrouck, Josiah,	{ 1803-05
Fisk, Jonathan,	1829-30		{ 1817-19
Fitch, Asa,	{ 1809-11	Hathaway, S. G.,	1833-35
Floyd, Charles A.,	{ 1813-15	Hathorne, John,	{ 1789-91
Floyd, John G.,	1811-13		{ 1795-97
Floyd, William,	1841-43	Havens, J. N.,	1795-99
Foote, Charles A.,	1839-43	Hawkes, John,	1821-23
Ford, William D.,	1789-91	Hawkins, Joseph,	1829-31
Fosdick, Nicoll,	1823-25	Hayden, M.,	1823-27
Foster, A. Lawrence,	1825-27	Hazeltine, Abner,	1833-37
Foster, Henry A.,	1841-43	Herkimer, John,	{ 1817-19
	1837-39		{ 1823-25
		Hobbie, Selah R.,	1827-29
		Hoffman, Martin,	1825-29
		Hoffman, Michael,	1829-33
		Hodman, Ogden,	1837-41
		Hogan, William,	1831-33

	In. Out.		In. Out.
Hogeboom, J. L.,	1823-25	Magee, John,	1827-31
Hopkins, S. M.,	1813-15	Mallory, Meredith,	1839-41
Hosmer, Hezekiah L.,	1797-99	Mann, Abijah, Jr.,	1833-37
Houck, Jacob, Jr.,	1841-43	Markell, Henry,	1825-29
Howell, Edward,	1833-35	Markell, Jacob,	1813-15
Howell, N. W.,	1813-15	Martindale, H. C.,	{ 1823-31
Hubbard, T. H.,	{ 1817-19	Marvin, Dudley,	{ 1833-35
Huguenin, Daniel,	{ 1821-23	Marvin, Richard P.,	1823-29
Humphrey, Charles,	1825-27	Mason, William,	1837-41
Humphreys, Reuben,	1825-27	Masters, Josiah,	1835-37
Hunt, Hiram P.,	1807-09	Matthews, Vincent,	1805-09
Huntington, A.,	{ 1835-37	Maxwell, Thomas,	1809-11
Irving, William,	{ 1839-43	Maynard, John,	1829-31
Jackson, Thomas B.,	1833-37	Mc Carty, Richard,	{ 1827-29
Jenkins, Lemuel,	1814-19	Mc Clellan, Robert,	{ 1841-43
Jewett, Freeborn G.,	1837-41	Mc Cord, Andrew,	1821-23
Johnson, Charles,	1823-25	Mc Keon, John,	{ 1837-39
Johnson, Jerome,	1831-33	Mc Manus, William,	{ 1841-43
Johnson, Noadiah,	1839-41	Mc Vean, Charles,	1803-05
Jones, Nathaniel,	1825-29	Meigs, Henry,	{ 1835-37
Keese, Richard,	1833-35	Metcalf, Arunah,	{ 1841-43
Kellogg, Charles,	1837-41	Miller, John,	1825-27
Kemble, Gouverneur,	1827-29	Miller, M. S.,	1819-20
Kempshall, Thomas,	1825-27	Mitchell, Charles F.,	1811-13
Kent, Moss,	1837-41	Mitchell, Henry,	1825-27
King, John,	1813-17	Mitchell, Samuel L.,	1813-15
King, Perkins,	1831-33	Moffet, Hosea,	1837-41
Kirkland, J.,	1829-31	Monroe, James,	1833-35
Kirkpatrick, W.,	1821-23	Montanya, J. L. D.,	{ 1801-04
Kirtland, D.,	1807-09	Moore, Ely,	{ 1810-13
Knickerbacker, Herman,	1817-19	Morgan, Christopher,	1813-17
Lansing, G. Y.,	1809-11	Morgan, John J.,	1839-41
Lawrence, C. W.,	1831-37	Morrell, Robert,	1839-41
Lawrence, John,	1833-34	Morris, Thomas,	1835-39
Lawrence, Samuel,	1789-93	Mumford, Gurdon S.,	1839-43
Lawyer, Thomas,	1823-25	Nicholson, John,	1821-25
Lay, George W.,	1817-19	Noble, William H.,	{ 1819-21
Lee, Gideon,	1833-37	Norton, Ebenezer F.,	{ 1829-31
Lee, Joshua,	1836-37	Oakley, T. J.,	1801-03
Lefferts, John,	1835-37	Ogden, David A.,	1805-11
Lent, James W.,	1813-15	Oliver, William M.,	1809-11
Leonard, Stephen B.,	1829-33	Page, Sherman,	1837-39
Linn, Archibald L.,	{ 1835-37	Palen, Rufus,	1829-31
Litchfield, Elijah,	{ 1839-41	Palmer, Beriah,	{ 1813-15
Litchfield, Elisha,	1841-43	Palmer, John,	{ 1827-28
Livingston, E.,	1821-23	Palmer, John,	1817-19
Livingston, H. W.,	1823-25	Parker, Amasa J.,	1841-43
Livingston, Robert L.,	1795-1802	Partridge, Samuel,	1837-39
Loomis, Arph.,	1803-07	Patterson, John,	1803-05
Love, Thomas C.,	1809-12		
Lovett, John,	1837-39		
Lyman, J. S.,	1835-37		
	{ 1813-14		
	{ 1815-17		
	1819-21		



	In. Out.		In. Out.
Patterson, Walter,	1821-23	Scudder, Treadwell,	1817-19
Patterson, William,	1837-39	Selden, Dudley,	1833-35
Paulding, William,	1811-13	Seymour, William,	1835-37
Peck, Luther C.,	1837-41	Sharpe, Peter,	1823-25
Peek, H.,	1819-21	Sherwood, Samuel,	1813-15
Pendleton, Edmund H.,	1831-33	Shipherd, Zebulon R.,	1813-15
Phelps, Oliver,	1803-05	Sibley, Mark H.,	1837-39
Pierson, Jeremiah H.,	1821-23	Sickles, Nicholas,	1835-37
Pierson, Job,	1831-35	Silvester, Peter,	1789-93
Pitcher, Nathaniel,	{ 1819-23	Smith, John,	1799-1804
	{ 1831-33	Smith, William S.,	1813-16
Platt, Jonas,	1799-1801	Soule, Nathan,	1831-33
Pond, Benjamin,	1811-13	Spencer, Ambrose,	1829-31
Post, Jotham,	1813-15	Spencer, Elijah,	1821-23
Porter, James,	1817-19	Spencer, James B.,	1837-39
Porter, P. B.,	{ 1809-13	Spencer, John C.,	1817-19
	{ 1815-16	Sterling, Micah,	1821-23
Porter, Timothy H.,	1825-27	Storrs, H. R.,	{ 1817-21
Powers, Gershom,	1829-31		{ 1823-31
Pratt, Zadoc,	1837-39	Stow, Silas,	1811-13
Prentiss, John H.,	1837-41	Stower, John G.,	1827-29
Reed, Edward C.,	1831-33	Street, Randall S.,	1819-21
Reynolds, Joseph,	1835-37	Strong, James,	{ 1819-21
Richards, John,	1823-25		{ 1823-31
Richmond, Jonathan,	1819-21	Strong, Theron R.,	1839-41
Riggs, Lewis,	1841-43	Swart, Peter,	1807-09
Riker, Samuel,	{ 1804-05	Talbot, Silas,	1793-94
	{ 1807-09	Tallmadge, J.,	1817-19
Rochester, William B.,	1821-23	Taylor, J. W.,	1813-33
Rogers, Edward,	1839-41	Taylor, William,	1833-39
Roosevelt, James I.,	1841-43	Ten Eyck, E.,	1823-25
	{ 1803-05	Thomas, David,	1801-08
	{ 1809-11	Thompson, Joel,	1813-15
Root, Erastus,	{ 1812-13		{ 1799-1801
	{ 1815-17	Thompson, John,	{ 1807-11
	{ 1831-33	Throop, Enos T.,	1815-16
Rose, Robert S.,	{ 1823-27	Tibbets, George,	1803-05
	{ 1829-31	Titus, Obadiah,	1837-39
Ross, Henry H.,	1825-27	Tomlinson, Thomas A.,	1841-43
Ruggles, Charles H.,	1821-23	Tompkins, Caleb,	1817-21
Russell, David,	1835-41	Townsend, George,	1815-19
Russell, John,	1805-09	Tracy, Albert H.,	1819-25
Sage, Eben.,	{ 1809-15	Tracy, Phineas L.,	1827-33
	{ 1819-20		{ 1805-07
Sailly, Peter,	1804-07	Tracy, Uri,	{ 1809-13
Sammons, Thomas,	{ 1803-07	Treadwell, T.,	1791-95
	{ 1809-13	Turrell, Joel,	1833-37
	{ 1803-04	Tyson, Jacob,	1823-25
Sands, Joshua,	{ 1825-27	Vail, Henry,	1837-39
	{ 1830-31	Van Allen, James I.,	1807-09
Sandford, Jonah,	1841-43	Van Allen, John E.,	1793-99
Sanford, John,	1815-19	Van Buren, John,	1841-43
Schenck, Abraham H.,	1815-17	Van Cortlandt, Philip,	1793-1809
Schoonmaker, C. C.,	1791-93	Van Cortlandt, Pierre,	1811-13
Schureman, Martin G.,	1805-07		{ 1833-37
Schuyler, J.,	1817-19	Vanderpoel, A.,	{ 1839-41

	In. Out.		In. Out.
Vanderveer, Abr.,	1837-39	Davenport, Franklin,	1798-99
Van Gaasbeck, Peter,	1793-95	Dayton, Jona.,	1799-1805
Van Houten, Isaac,	1833-35	Dayton, William L.,	1842-45
Van Ness, John P.,	1801-03	Dickerson, M.,	1817-33
Van Rensselaer, H.,	1841-43	Dickinson, Philemon,	1790-93
Van Rensselaer, J.,	1789-91	Elmer, Jonathan,	1789-91
Van Rensselaer, Killan K.,	1801-11	Frelinghuysen, F.,	1793-96
Van Rensselaer, Solomon,	1819-22	Frelinghuysen, T.,	1829-35
Van Rensselaer, S.,	1822-29	Kitchell, Aaron,	1805-09
Van Wyck, William,	1821-25	Lambert, John,	1809-15
Verplanck, Daniel C.,	1803-09	Miller, Jacob W.,	1841-47
Verplanck, G. C.,	1825-33	M'Ilvaine, James,	1823-26
Wagner, Peter J.,	1839-41	Ogden, Aaron,	1801-03
Walker, Benjamin,	1801-03	Patterson, William,	1789-90
Walworth, Reuben H.,	1821-23	Rutherford, John,	1791-98
	1825-29	Schureman, James,	1799-1801
Ward, Aaron,	1831-37	Southard, S. L.,	1821-23
	1841-43		1833-42
Ward, Jonathan,	1815-17	Stockton, R.,	1796-99
Wardwell, Daniel,	1831-37	Wall, Garrett D.,	1835-41
Watts, John,	1793-95	Wilson, James J.,	1815-21
Wendower, Peter H.,	1815-21		
Westerlo, Rensselaer,	1817-19		
Whallon, Reuben,	1833-35		
Wheeler, Grattan H.,	1831-33	<i>Representatives.</i>	
White, Bartow,	1825-27	Aycrigg, John B.,	1837-39
White, Campbell P.,	1829-35		1841-43
Whittemore, Elisha,	1825-27	Baker, Ezra,	1815-17
Whittlesey, F.,	1831-35	Bateman, Ephraim,	1815-23
Wickes, Eliphalet,	1805-07	Beatty, John,	1793-95
Wilkin, James W.,	1815-19	Bennett, Benjamin,	1815-19
Wilkin, Samuel I.,	1831-33	Bines, Thomas,	1814-15
	1814-15		1819-20
Williams, Isaac,	1817-19	Bloomfield, Joseph,	1817-21
	1823-25	Boudinot, Elias,	1789-95
Williams, John,	1795-99	Boyd, Adam,	1803-05
Williams, Nathan,	1805-07		1808-13
Willoughby, Westel,	1816-17	Cadwallader, Lambert,	1789-91
Wilson, N.,	1808-09		1793-95
Winter, Elisha J.,	1813-15	Cassady, George,	1821-27
Wood, Fernando,	1841-43	Clark, Abraham,	1791-94
Wood, John J.,	1827-29	Condit, John,	1799-1803
Wood, Silas,	1819-29		1819-20
	1821-23	Condit, Lewis,	1811-17
Woodcock, David,	1827-29		1821-33
	1823-25	Condit, Silas,	1831-33
Woods, William,	1827-29	Cooper, Richard M.,	1829-33
Wright, Silas,	1827-29	Cooper, W. R.,	1839-41
Yates, John B.,	1815-17	Cox, James,	1809-10
Young, John,	1841-43	Cox, William,	1813-15
		Darby, Ezra,	1806-08
		Davenport, Franklin,	1799-1801
		Dayton, Jona.,	1791-99
		Dickerson, Philemon,	1833-37
			1839-41
		Elmer, Ebenezer,	1801-07
		Fowler, Samuel,	1833-37
		Garrison, Daniel,	1823-27

## NEW JERSEY.

*Senators.*

Bateman, Ephraim,	1826-29
Condit, John,	1803-17

	In. Out.	PENNSYLVANIA.	
Halstead, William,	{ 1837-39 1841-43	<i>Senators.</i>	
Helms, William,	1801-11		In. Out.
Henderson, Thomas,	1795-97	Barnard, Isaac D.,	1827-31
Holcombe, G. E.,	1821-28	Bingham, William,	1795-1801
Hufty, Jacob,	1809-14	Buchanan, James,	1835-43
Hughes, Thomas H.,	1829-33	Dallas, George M.,	1831-33
Imley, James H.,	1797-1801	Findlay, William,	1821-27
Kille, Joseph,	1839-41	Gallatin, Albert,	1793-94
Kinsey, Charles,	{ 1817-19 1820-21	Gregg, Andrew,	1807-13
	1791-93	Lacock, Abner,	1813-19
Kitchell, Aaron,	{ 1794-97 1799-1801	Leib, Michael,	1808-14
	1805-09	Logan, George,	1801-07
Lambert, John,	1833-37	Lowrie, Walter,	1819-25
Lee, Thomas,	1799-1801	Maclay, Samuel,	1803-08
Linn, James,	1817-21	Maclay, William,	1789-91
Linn, John,	1821-25	Marks, William,	1825-31
Matlack, James,	1811-13	McKean, Samuel,	1834-39
Maxwell, George C.,	{ 1837-39 1841-43	Morris, Robert,	1789-95
	1811-13	Muhlenberg, Peter,	1801-01
Maxwell, J. P. B.,	{ 1811-13 1801-05	Roberts, Jonathan,	1814-21
	1807-13	Ross, James,	1794-1803
Morgan, James,	1833-37	Sturgeon, Daniel,	1840-45
Mott, James,	1827-31	Wilkins, William,	1831-34
Newbold, Thomas,	1828-33		
Parker, James,	1837-43	<i>Representatives.</i>	
Pierson, Isaac,	1839-41	Adams, William,	1825-29
Randolph, James F.,	1833-37	Allison, James,	1823-25
Randolph, Joseph F.,	{ 1789-91 1797-99	Allison, Robert,	1831-33
Ryall, D. B.,	1813-15	Anderson, Isaac,	1803-07
Schenck, F. S.,	{ 1833-37 1837-41	Anderson, Samuel,	1827-29
	1819-21	Anderson, William,	{ 1809-15 1817-19
Schureman, James,	1795-97	Anthony, J. B.,	1833-37
Shinn, William N.,	{ 1801-11 1815-21	Armstrong, James,	1793-95
Sinnickson, Thomas,	1831-33	Ash, Michael W.,	1835-37
Sinnickson, Thomas,	1813-15	Baldwin, Henry,	1817-22
Sloan, James,	{ 1837-39 1841-43	Banks, John,	1831-36
Smith, Barnard,	1821-81	Bard, David,	{ 1795-99 1803-15
Smith, Isaac,	1827-28	Barlow, Thomas,	1827-29
Southard, Henry,	1795-99	Barnitz, Charles A.,	1833-35
Southard, Isaac,	1825-29	Beatty, William,	1837-41
Stockton, Richard,	1839-41	Beaumont, Andrew,	1833-37
Stratton, Charles C.,	1813-17	Beeson, Henry W.,	1841-43
Swan, Samuel,	{ 1837-39 1841-43	Biddle, Richard,	1837-41
Thompson, Hedge,	1821-81	Bidlack, Benj. A.,	1841-43
Thompson, Mark,	1827-28	Binney, Horace,	1833-35
Tucker, Ebenezer,	1795-99	Boden, Andrew,	1817-21
Vroom, P. D.,	1825-29	Boude, Thomas,	1801-03
Ward, Thomas,	1839-41	Breck, Samuel,	1823-25
Yorke, Th. Jones,	{ 1837-39 1841-43	Brown, Charles,	1841-43
		Brown, Jeremiah,	1841-43
		Brown, John,	1821-25
		Brown, Robert,	1798-1815

	In. Out.		In. Out.
Buchanan, Andrew,	1835-39	Griffin, Isaac,	1813-17
Buchanan, James,	1821-31	Gross, Samuel,	1819-23
Bucker, John C.,	1831-33	Gustine, Amos,	1841-43
Burd, George,	1831-35	Halm, John,	1815-17
Burnside, Thomas,	1815-16	Hamilton, John,	1805-07
Chambers, George,	1833-37	Hammond, Robert H.,	1837-41
Chapman, John,	1797-99	Hanna, John A.,	1797-1805
Clark, M. S.,	1820-21	Harper, James,	1833-37
Clark, William,	1833-37	Harris, Robert,	1823-27
Clay, Joseph,	1803-08	Harrison, S. S.,	1833-37
Clymer, George,	1789-91	Hartley, Thomas,	1789-1800
Conrad, Frederick,	1803-07	Heister, Daniel,	1789-96
Conrad, John,	1813-15	Heister, Daniel,	1809-11
Cooper, James,	1839-43	Heister, John,	1807-09
Coulter, Richard,	1827-35	Heister, Joseph,	{ 1797-1805
Crawford, Thomas H.,	1829-33		{ 1815-20
Crawford, William,	1809-17	Heister, William,	1831-37
Crouch, Edward,	1813-15		{ 1801-03
Darlington, Edward,	1833-39	Hemphill, Joseph,	{ 1819-27
Darlington, Isaac,	1817-19		{ 1829-31
Darlington, William,	{ 1815-17	Henderson, Joseph,	1833-37
	{ 1819-23	Henderson, Samuel,	1814-15
Davies, Edward,	1837-41	Henry, Thomas,	1837-43
Davis, John,	1839-41	Hibshman, Jacob,	1819-21
Davis, Roger,	1811-15	Hill, Thomas,	1824-26
Dennison, George,	1819-23	Hoge, John,	1804-05
Denny, Harmar,	1829-37		{ 1801-04
Dewart, Lewis,	1831-33	Hoge, William,	{ 1807-09
Dimock, Davis, Jr.,	1841-42	Hook, Enos,	1839-41
Edwards, John,	1839-43	Hopkinson, Joseph,	1815-19
Edwards, Samuel,	1819-27	Horn, Henry,	1831-33
Ege, George,	1796-97	Hosteler, Jacob,	1819-21
Ellis, William C.,	1823-25	Hublely, Edward B.,	1835-39
Evans, Joshua,	1829-33	Humphreys, Jacob,	1819-20
Farely, Patrick,	1821-26	Hyneman, John M.,	1811-13
Findlay, John,	1822-27	Ihrie, Peter,	1829-33
Findlay, William,	1791-99	Ingersoll, Charles I.,	1813-15
Findley, William,	1803-17	Ingersoll, Charles J.,	1841-43
Fitzsimmons, Thomas,	1789-95	Ingersoll, Joseph R.,	{ 1835-37
Ford, James,	1829-33		{ 1842-43
Fornace, Joseph,	1839-43	Ingham, Samuel D.,	{ 1813-18
	{ 1819-21		{ 1822-29
Forrest, Thomas,	{ 1822-23	Irvia, James,	1841-43
Forward, Chauncey,	1825-31	Irvine, William,	1793-95
Forward, Walter,	1822-25	Irwin, Jared,	1813-17
Frey, Joseph,	1827-31	Irwin, Thomas,	1829-31
Fry, Jacob, Jr.,	1835-39	Irwin, William W.,	1841-43
Fullerton, David,	1819-20	Jack, William,	1841-43
Galbraith, John,	{ 1833-37	Jacobs, Israel,	1791-93
	{ 1839-41	James, Francis,	1839-43
Gallatin, Albert,	1795-1801	Jenkins, Robert,	1807-11
Gerry, James,	1839-43	Jones, William,	1801-03
Gilmore, John,	1829-33	Keim, George M.,	1838-43
Glasgow, Hugh,	1813-17	Kelly, James,	1805-09
Green, Innis,	1827-31	King, Adam,	1827-33
Gregg, Andrew,	1791-1807	King, Henry,	1831-35

	In. Out.		In. Out.
Kittera, John W.,	1791-1801	Murray, John,	1817-21
Kittera, Thomas,	1826-27	Murray, Thomas,	1821-23
Klingensmith, John, Jr.,	1835-39	Naylor, Charles,	1837-41
Krebs, Jacob,	1826-27	Newhard, Peter,	1839-43
Kremer, George,	1823-29	Ogle, Alexander,	1817-19
Lacock, Abner,	1811-13	Ogle, Charles,	1837-41
Laporte, John,	1833-37	Orr, Robert,	1825-29
Lawrence, Joseph,	{ 1825-29	Paterson, Thomas,	1817-25
	{ 1841-43	Paulding, Levi,	1817-19
Leet, Isaac,	1829-31	Paynter, Lemuel,	1837-41
Lefevre, Joseph,	1811-13	Petriken, David,	1837-41
Leib, Michael,	1799-1806	Phillips, John,	1821-23
Leiper, George G.,	1829-31	Philson, Robert,	1819-21
Logan, Henry,	1835-39	Piper, William,	1811-17
Lower, Christian,	1805-07	Plumer, Arnold,	{ 1837-39
Lucas, John B.,	1803-05		{ 1841-43
Lyle, Aaron,	1809-17	Plumer, George,	1821-27
Macclay, Samuel,	1795-97	Porter, John,	1806-11
Macclay, William,	{ 1815-16	Potter, William W.,	1837-40
	{ 1817-19	Potts, David, Jr.,	1831-39
Macclay, William P.,	1816-21	Pugh, John,	1805-09
Mann, Job,	1835-37	Ramsay, Robert,	{ 1833-35
Mann, Joel K.,	1831-35		{ 1841-43
Marchand, A. G.,	1839-43	Ramsay, William,	1827-31
Marchand, David,	1817-21	Ramsay, William S.,	1839-41
Markley, Philip S.,	1823-27	Rea, John,	{ 1803-11
Marr, Alem,	1829-31		{ 1813-15
McGlenachan, Blair,	1797-99	Read, Almon H.,	1842-43
McCoy, Robert,	1881-33	Reily, Luther,	1837-39
McCreedy, William,	1829-31	Richards, Jacob,	1803-09
McCulloch, George,	1840-41	Richards, John,	1795-97
McCullough, Thomas G.,	1820-22	Richards, Matthias,	1807-11
McKean, Samuel,	1823-29	Roberts, Jonathan,	1811-14
McKennan, Thos. M. T.,	{ 1831-39	Rodman, William,	1811-13
	{ 1842-43	Rogers, Thomas I.,	1818-24
McSherry, James,	1821-23	Ross, John,	{ 1809-11
Miller, Daniel H.,	1823-31		{ 1815-18
Miller, Jesse,	1833-37	Russell, James M.,	1842-43
Milnor, James,	1811-13	Say, Benjamin,	1808-09
	{ 1807-11	Scott, John,	1829-31
Milnor, William,	{ 1815-17	Scott, Thomas,	{ 1789-91
	{ 1821-22		{ 1793-95
Miner, Charles,	1825-29	Sergeant, J.,	{ 1815-23
Mitchell, James S.,	1821-27		{ 1827-29
Mitchell, John,	1825-29	Sergeant, John,	1837-42
Montgomery, Daniel,	1807-09	Seybert, Adam,	{ 1809-15
Montgomery, William,	1793-95		{ 1817-19
Moore, Robert,	1817-21	Sheffer, Daniel,	1837-39
Moore, Samuel,	1819-22	Sill, Thomas H.,	1829-31
Morris, Matthias,	1835-39	Simonton, William,	1839-43
Morris, Samuel W.,	1837-41	Sitgreaves, Samuel,	1795-98
Muhlenberg, Frederick A.,	1789-97	Slaymaker, Amos,	1814-15
Muhlenberg, Henry A.,	1829-38	Smilie, John,	{ 1793-95
	{ 1789-91		{ 1799-1813
Muhlenberg, Peter,	{ 1793-95	Smith, George,	1809-13
	{ 1799-1801	Smith, Isaac,	1813-15



	In. Out.		In. Out.
Pinkney, William,	1819-22	Kennedy, John P.,	{ 1838-39
Potts, Richard,	1792-96		{ 1841-43
Reed, Philip,	1806-13	Kent, Joseph,	{ 1811-15
Smith, Samuel,	{ 1803-15		{ 1819-26
Spence, John S.,	{ 1822-33	Kerr, John L.,	{ 1825-29
Wright, Robert,	1837-41	Key, Philip,	{ 1831-33
	1801-06	Key, Philip B.,	1791-93
		Lee, John,	1807-13
<i>Representatives.</i>			1823-25
Archer, John,	1801-07	Little, Peter,	{ 1811-13
Archer, S.,	{ 1811-17		{ 1816-29
	{ 1819-21	Lloyd, Edward,	1806-09
Baer, George,	{ 1797-01	Magruder, Patrick,	1805-07
	{ 1815-17	Martin, Robert N.,	1825-27
Barney, John,	1825-29	Mason, John T.,	1841-43
Bayley, Thomas,	1817-23	Matthews, William,	1797-99
Bowie, Walter,	1802-05	McCreary, William,	1803-09
Brown, Elias,	1829-31	McKim, Alexander,	1809-15
Brown, John,	1809-10	McKim, Isaac,	{ 1823-25
Campbell, John,	1801-11		{ 1833-38
Carmichael, R. B.,	1833-35	Mercer, John F.,	1792-94
Carroll, Daniel,	1789-91		{ 1823-27
Carroll, James,	1839-41	Mitchell, George E.,	{ 1829-32
	{ 1793-97	Montgomery, John,	1807-11
Christie, Gabriel,	{ 1799-1801	Moore, Nicolas R.,	{ 1803-11
	1789-91		{ 1813-16
Contee, Benjamin,	1805-07	Neall, Raphael,	1819-25
Covington, Leonard,	1795-96	Nelson, John,	1821-23
Crabb, Jeremiah,	1796-1801	Nelson, Roger,	1804-10
Craik, William,	1817-21	Nicholson, Joseph H.,	1799-1806
Culbreth, Thomas,	1797-1805		{ 1835-39
Dennis, John,	1837-41	Pearce, James A.,	{ 1841-43
Dennis, John,	1833-35		{ 1816-19
Dennis, L. P.,	1793-1801	Peter, George,	{ 1825-27
Dent, George,	1825-31	Pinkney, William,	1791-92
Dorsey, Clement,	1794-96	Pinkney, William,	1815-16
Duvall, Gabriel,	1794-95	Plater, Thomas,	1801-05
Edwards, Benjamin,	1793-94	Randall, Alexander,	1841-43
Forrest, Uriah,	1789-91		{ 1817-19
Gale, George,	1827-29	Reed, Philip,	{ 1821-23
Gale, Levin,	1805-17		{ 1810-15
Goldsborough, C. W.,	1813-16	Ringgold, Samuel,	{ 1817-21
Hanson, Alexander C.,	1823-25	Semmes, Benedict J.,	1829-33
Hayward, William,	1833-35	Seney, Joshua,	1789-92
Heath, James P.,	1801-04	Sheredine, Upton,	1791-92
Heister, Daniel,	1815-19	Smith, Samuel,	{ 1793-1803
Herbert, John C.,	1839-41		{ 1816-22
Hillen, Solomon, Jr.,	1792-99	Smith, William,	1789-91
Hindman, William,	1829-33	Sollers, Augustus R.,	1841-43
	{ 1835-39	Spence, John S.,	{ 1823-25
Howard, Benjamin C.,	{ 1831-33		{ 1831-33
	{ 1835-41	Spencer, Richard,	1829-31
Jenifer, Daniel,	{ 1833-35	Sprigg, Michael C.,	1827-31
	{ 1837-43		{ 1796-99
Johnson, Wm. C.,	1841-43	Sprigg, Richard,	{ 1801-02
Jones, Isaac D.,		Sprigg, Thomas,	1793-96

	In. Out.	Representatives.	In. Out.
Steele, John N.,	1835-37		
Sterrett, Samuel,	1791-93		
Stoddard, J. T.,	1833-35	Alexander, Mark,	1819-33
Stone, Michael J.,	1789-91	Allen, John J.,	1833-35
Strudwick, William E.,	1796-97	Allen, Robert,	1827-33
Stuart, Philip,	1811-19	Archer, William S.,	1820-35
Thomas, Francis,	1831-41	Armstrong, William,	1825-33
Thomas, John C.,	1799-1801	Austin, Archibald,	1817-19
Thomas, Philip F.,	1839-41	Baker, John,	1811-13
Turner, James,	1833-37	Ball, William L.,	1817-24
Van Horne, Archibald,	1807-11	Banks, Linn,	1838-42
Vans, William Murray,	1791-97	Barbour, John S.,	1823-33
Warfield, Henry R.,	1819-25	Barbour, Philip P.,	{ 1814-25
Washington, George C.,	{ 1827-33	Barton, Richard W.,	{ 1827-30
Weems, John C.,	{ 1835-37		{ 1841-43
Williams, James W.,	1826-29	Bassett, Burwell,	{ 1805-13
Wilson, E. K.,	1841-43		{ 1815-19
Worthington, J. T. H.,	1827-31		{ 1821-31
Worthington, Thomas C.,	{ 1831-33	Bayley, Thomas M.,	1813-15
	{ 1837-41	Beale, James M. H.,	1833-37
	1835-27	Beirne, Andrew,	1837-41
Wright, Robert,	{ 1810-17	Bland, Theodore,	1789-90
	{ 1821-23	Botts, John M.,	1839-43
		Bouldin, James W.,	1833-39
		Bouldin, Thomas T.,	1829-33
		Breckenridge, James,	1809-17
			{ 1795-99
		Brent, Richard,	{ 1801-03
			{ 1789-92
		Browne, John,	1806-21
		Burwell, William A.,	1795-1803
		Cabell, Samuel J.,	1813-15
		Caperton, Hugh,	1841-43
		Cary, George B.,	1831-35
		Chinn, Joseph W.,	1805-08
		Claiborne, John,	1825-37
		Claiborne, Nathaniel H.,	{ 1793-99
			{ 1801-05
		Claiborne, Thomas,	1804-06
		Clark, Christopher,	1797-1813
		Clay, Matthew,	{ 1795-99
			{ 1801-16
		Clopton, John,	1829-33
		Coke, Richard,	{ 1789-91
			{ 1793-97
		Coles, Isaac,	1835-43
		Coles, Walter,	1817-19
		Colston, Edward,	{ 1829-33
			{ 1835-41
		Craig, Robert,	1826-27
		Crump, John,	1825-35
		Davenport, Thomas,	1797-1814
		Dawson, John,	1829-32
		Doddridge, Philip,	{ 1830-31
			{ 1832-33
		Draper, Joseph,	1835-41
		Dromgoole, Geo. C.,	

## VIRGINIA.

## Senators.

Archer, William S.,	1841-47
Barbour, James,	1815-25
Brent, Richard,	1809-15
Eppes, John W.,	1817-19
Giles, William B.,	1804-15
Grayson, William,	1789-90
Lee, Richard H.,	1789-92
Leigh, Benjamin W.,	1834-37
Mason, Armisted C.,	1815-17
Mason, Stevens T.,	1794-1803
Monroe, James,	1790-94
Moore, Andrew,	1804-09
Nicholas, Wilson C.,	1799-1804
Pleasants, James,	1819-22
Randolph, John,	1825-27
	{ 1832-34
Rives, William C.,	{ 1836-39
	{ 1841-45
Roane, William H.,	1837-41
	{ 1792-94
Taylor, John,	{ 1803-03
	{ 1822-24
Tazewell, Henry,	1794-99
Tazewell, Littleton W.,	1824-32
Tyler, John,	1827-36
Venable, Abraham B.,	1803-04
Walker, John,	1790-90



	In. Out.		In. Out.
Eggleston, John,	1798-1801	Lewis, William J.,	1817-19
Eppes, John W.,	{ 1803-11	Love, John,	1807-11
Estill, Benjamin,	{ 1813-15	Loyall, George,	1831-37
Evans, Thomas,	1825-27	Lucas, Edward,	1833-37
Floyd, John,	1797-1801	Lucas, William,	1839-41
Fulton, John H.,	1817-20	Machir, James,	1797-99
Garland, David S.,	1833-35	Madison, James,	1789-97
Garland, James,	1809-11	Mallory, Francis,	{ 1837-39
Garnett, James M.,	1835-41		{ 1841-43
Garnett, Robert S.,	1805-09	Marshall, John,	1799-1800
Gholson, J. H.,	1817-27	Mason, James M.,	1837-39
Gholson, Thomas,	1833-35	Mason, John Y.,	1831-37
Giles, Wm. B.,	1808-16	Maxwell, Lewis,	1827-33
Gilmer, Thomas W.,	{ 1790-98	Mc Carty, William M.,	1840-41
Goggin, Wm. L.,	{ 1801-02	Mc Comas, William,	1833-37
Goode, Samuel,	1841-43	M'Coy, William,	1811-33
Goode, W. O.,	1839-43	M'Kinley, William,	1810-11
Goodwin, Peterson,	1799-1801	Mercer, Charles F.,	1817-40
Gordon, William F.,	1841-43	Moore, Andrew,	{ 1789-97
Gray, Edwin,	1803-18		{ 1803-04
Gray, John C.,	1829-35	Moore, S. McD.,	1833-35
Griffin, Samuel,	1799-1813	Moore, Thomas L.,	1820-23
Griffin, Thomas,	1820-21	Morgan, Daniel,	1797-99
Hancock George,	1789-95	Morgan, William S.,	1835-39
Harris, Wm. A.,	1803-05	Morrow, John,	1805-09
Harrison, Carter B.,	1793-97	Nelson, Hugh,	1811-23
Hawes, Aylett,	1841-43	Nelson, Thomas M.,	1816-19
Hayes, Samuel L.,	1793-99	Nevel, Joseph,	1793-95
Heath, John,	1811-17	New, Anthony,	1793-1805
Hill, John,	1841-43	Newton, Thomas,	{ 1801-29
Holleman, Joel,	1793-97		{ 1831-33
Holmes, David,	1839-41	Nicholas, Wilson C.,	1807-09
Hopkins, G. W.,	1839-41	Nicholas, John,	1793-1801
Hubard, Edm. W.,	1797-1809	Page, John,	1789-97
Hungerford, John P.,	1835-43	Page, Robert,	1799-1801
Hunter, R. M. T.,	1841-43	Parker, Josiah,	1789-1801
Jackson, Edward B.,	1813-17	Parker, Severn E.,	1819-21
Jackson, John George,	1837-43	Patton, John M.,	1830-38
	1820-23	Pegram, John,	1818-19
	1795-97	Pennybacker, Isaac S.,	1837-39
Johnson, James,	{ 1799-1810	Pindall, James,	1817-20
Johnson, Joseph,	1813-17	Pleasants, James,	1811-19
Johnson, Charles C.,	1813-20	Powell, Alfred H.,	1825-27
Jones, James,	{ 1823-27	Powell, Cuthbert,	1841-43
Jones, John W.,	1835-41	Powell, Levin,	1799-1801
Jones, Walter,	1831-32	Preston, Francis,	1793-97
	1819-23		{ 1799-1813
	1835-43	Randolph, John,	1815-17
	{ 1797-99		1819-25
	1803-11		1827-29
Kerr, John,	1813-17	Randolph, Thomas M.,	1803-07
Lee, Henry,	1799-1801	Rives, Francis E.,	1837-41
Lee, Richard Bland,	1789-95	Rives, William C.,	1823-29
Leffler, Isaac,	1827-29	Roane, John,	{ 1827-31
Leftwich, Jabez,	1821-25		{ 1835-37
Lewis, Joseph,	1803-17	Roane, John J.,	1831-33



	In. Out.		In. Out.
Deberry, Edmund,	{ 1829-31	Pierson, Joseph,	1809-15
Dickens, Samuel,	{ 1833-43	Pickens, Israel,	1811-17
Dixon, Joseph,	1816-17	Potter, Robert,	1829-31
Dudley, Edward B.,	1799-1801	Purviance, Samuel D.,	1803-05
Edwards, Weldon N.,	1829-31	Rayner, Kenneth,	1830-43
Fisher, Charles,	{ 1816-27 1819-21 1839-41	Rencher, Abraham,	{ 1829-39 1841-43 1821-27 1841-43 1807-13 1817-23 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Forney, Daniel M.,	1815-18	Saunders, Romulus M.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Forney, Peter,	1813-15	Sawyer, Lemuel,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Franklin, Jesse,	1795-97	Sawyer, S. T.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Franklin, Meshack,	1807-15	Settle, Thomas,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Gaston, William,	1813-17	Sevier, John,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Gatlin, Alfred M.,	1823-25	Shadwick, William,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Gillispie, James,	{ 1793-99 1803-05 1833-43	Shepard, Charles,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Graham, James,	1791-1803	Shepard, William B.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Grove, William B.,	{ 1817-25 1827-35 1831-41	Shepperd, Augustus H.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Hall, Thomas H.,	1799-1803	Slocum, Jesse,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Hawkins, M. T.,	1839-41	Smith, James S.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Henderson, Archibald,	1799-1803	Speight, Jesse,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Hill, John,	1825-27	Speight, Richard D.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Hill, William H.,	{ 1795-97 1801-11 1825-29	Stanford, Richard,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Hines, Richard,	{ 1816-17 1819-25 1801-02	Stanley, Edward,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Holland, James,	1805-11	Stanley, John,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Holmes, Gabriel,	{ 1803-05 1809-11 1812-15	Steele, John,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Hooks, Charles,	1811-16	Stewart, James,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Johnston, Charles,	1793-99	Stone, David,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Kenan, Thomas,	1821-29	Tatum, Absalom,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Kennedy, William,	1815-17	Turner, Daniel,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
King, William R.,	1791-1815	Vance, Robert B.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Locke, Matthew,	1823-26	Walker, Felix,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Long, John,	1809-13	Washington, W. H.,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Love, William C.,	{ 1793-95 1797-99 1805-07	Williams, Benjamin,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Macon, Nathaniel,	1831-43	Williams, Lewis,	{ 1829-39 1841-43 1817-21 1825-29 1837-39 1817-21 1790-91 1796-97 1837-41 1827-37
Mangum, Willie P.,	{ 1821-23 1825-27 1793-94	Williams, Marmeduke,	{ 1829-39 1841-43 1817-21 1825-29 1837

**Senators.**

	In. Out.		In. Out.
Harper, William,	1826-26	Grayson, William J.,	1833-37
Hayne, Robert Y.,	1823-32	Griffin, J. K.,	1831-41
Hunter, John,	1796-98	Hamilton, James,	1822-29
Izard, Ralph,	1789-95	Hammond, James H.,	1835-37
Miller, Stephen D.,	1831-34	Hampton, Wade,	{ 1795-97
Pinckney, Charles,	1798-1801		{ 1803-05
Preston, William C.,	1834-43	Harper, R. G.,	1794-1801
Read, Jacob,	1795-1802	Holmes, Isaac E.,	1839-43
Smith, William,	{ 1816-23	Huger, Benjamin,	{ 1799-1805
	{ 1826-31		{ 1815-17
Sumter, Thomas,	1802-10	Huger, Daniel,	1789-93
Taylor, John,	1810-16	Hunter, John,	1793-95
		Irwin, James,	1817-21
<i>Representatives.</i>		Kershaw, John,	1813-15
Alston, Lemuel J.,	1807-11	Legare, Hugh S.,	1837-39
Barnwell, Robert,	1791-93	Lowndes, Thomas,	1801-05
Barnwell, R. W.,	1829-33	Lowndes, William,	1811-22
Bellinger, Joseph,	1817-19	Manning, R. J.,	1834-36
Benton, Lemuel,	1793-98	Marion, Robert,	1805-10
Blair, James,	{ 1821-22	Martin, William D.,	1827-33
	{ 1829-34	Mayrant, William,	1815-16
Brevard, James,	1819-21	M'Duffie, George,	1821-35
Burke, Edamus,	1789-91	M'Ready, James,	1819-21
Butler, Samson H.,	1840-43	Middleton, Henry,	1815-19
Butler, William,	1801-13	Miller, S. D.,	1817-19
Butler, William,	1841-43		{ 1821-23
Caldwell, P. C.,	1841-43	Mitchell, T. R.,	{ 1825-29
Calhoun, J. C.,	1811-17		{ 1831-33
Calhoun, Joseph,	1807-11	Moore, Thomas,	{ 1801-13
Campbell, John,	{ 1829-31		{ 1815-17
	{ 1837-43	Nesbitt, Wilson,	1817-19
Campbell, R. B.,	{ 1823-25	Nott, Abraham,	1799-1801
	{ 1835-37	Nuckolls, Wm. C.,	1827-33
Campbell, Thomas F.,	1834-35	Overstreet, James,	1819-22
Carter, John,	1822-29	Pickens, Andrew,	1793-95
Casey, Levi,	1803-07	Pickens, Francis W.,	1835-43
Chappell, John J.,	1813-17	Pinckney, Charles,	1819-21
Cheves, Langdon,	1810-15	Pinckney, H. L.,	1833-37
Clowney, W. K.,	{ 1833-35	Pinckney, Thomas,	1797-1801
	{ 1837-39	Poinsett, Joel R.,	1821-25
Davis, W. R.,	1827-35	Rhett, Robert B.,	1838-43
Drayton, William,	1825-33	Richardson, John P.,	1837-40
Earle, Elias,	{ 1805-07		{ 1835-37
	{ 1811-15	Rogers, James,	{ 1839-43
	{ 1817-21	Rutledge, John,	1797-1803
Earle, John B.,	1803-05	Simpkins, Eldrid,	1818-21
Earle, Samuel,	1795-97	Smith, O'Bryan,	1805-07
Elmore, F. H.,	1837-39	Smith, William,	1789-97
Evans, David R.,	1813-15	Smith, William,	1797-99
Felder, John M.,	1831-35	Sumter, Thomas,	{ 1789-93
Farrow, Samuel,	1813-15		{ 1797-1802
Gillon, Alexander,	1793-94	Sumpter, Thomas D.,	1840-43
Gist, Joseph,	1821-27	Taylor, John,	1807-10
Gourdin, Theodore,	1813-15	Taylor, John,	1815-17
Govan, A. R.,	1822-27	Thompson, Waddy,	1835-41
		Tucker, Starling,	1817-31

	In. Out.		In. Out.
Tucker, Thomas T.,	1789-93	Cobb, Howell,	1807-12
Williams, David R.,	{ 1805-09	Cobb, Thomas W.,	{ 1817-21
Wilson, John,	{ 1811-13	Coffee, John,	{ 1823-24
Witherspoon, Robert,	1821-27	Colquitt, W. T.,	1833-37
Woodward, William,	1809-11	Cook, Zadock,	{ 1839-41
Wynn, Richard,	1815-17	Cooper, Mark A.,	{ 1842-43
	{ 1793-97	Crawford, Joel,	1817-19
	{ 1802-13	Cuthbert, A.,	{ 1839-41
		Cuthbert, John A.,	{ 1842-43
		Dawson, W. C.,	1817-21
		Early, Peter,	{ 1814-17
		Floyd, John,	{ 1821-27
		Forsyth, J.,	1819-21
		Fort, Tomlinson,	1837-42
		Foster, Thomas S.,	1802-07
		Foster, T. F.,	1827-29
		Gamble, R. L.,	{ 1813-18
		Gilmer, George R.,	{ 1823-27
		Glascocock, Thomas,	1827-29
		Grantland, Seaton,	1829-35
		Habersham, R. W.,	1841-43
		Hall, Bolling,	{ 1833-35
		Hammond, Samuel,	{ 1841-43
		Haynes, Charles E.,	1821-23
		Holsey, Hopkins,	{ 1827-29
		Jackson, Jabez,	1833-35
		Jackson, James,	1836-39
		Jones, James,	1836-39
		Jones, Seaborn,	1789-91
		King, Th. Butler,	1799-1801
		Lamar, Henry G.,	1833-35
		Lumpkin, Wilson,	1839-43
		Matthews, George,	1829-33
		Meriwether, Daniel,	{ 1815-17
		Meriwether, James,	{ 1827-31
		Meriwether, J. A.,	1789-91
		Milledge, John,	1802-07
		Newman, Daniel,	1825-27
		Nisbet, E. A.,	1841-43
		Owens, George W.,	{ 1792-93
		Reid, Robert R.,	{ 1795-99
		Schley, William,	1801-02
		Smelt, Dennis,	1831-33
		Spalding, Thomas,	1839-42
			1835-39
			1818-23
			1833-35
			1806-11
			1805-06

## GEORGIA.

## Senators.

Baldwin, A.,	1799-1807
Berrien, John M.,	{ 1825-29
Bibb, William W.,	{ 1841-47
Bullock, William B.,	1813-16
Cobb, Thomas W.,	1813-13
Crawford, William H.,	1824-28
Cuthbert, Alfred,	1807-13
Elliot, John,	1835-43
Few, William,	1819-25
Forsyth, J.,	1789-93
Gunn, James,	{ 1818-19
	{ 1829-34
	{ 1789-90
Jackson, James,	{ 1791-1801
	{ 1793-95
Jones, George,	{ 1801-06
King, John P.,	1807-07
Lumpkin, Wilson,	1834-38
Milledge, John,	1838-41
Prince, Oliver H.,	1806-09
Tait, Charles,	1828-29
Tatnall, Josiah,	1809-19
Troup, G. M.,	1796-99
Walker, Freeman,	{ 1816-18
Walker, John,	{ 1829-34
Walton, George,	1819-21
Ware, Nicholas,	1790-91
	1795-96
	1821-24

## Representatives.

Abbott, Joel,	1817-25
Alvord, Julius C.,	1839-42
Baldwin, A.,	1789-99
Barnett, William,	1812-15
Bibb, Wm. W.,	1806-14
Black, Edward J.,	{ 1839-41
	{ 1842-43
Bryan, Joseph,	1803-06
Carnes, Thomas P.,	1793-95
Cary, George,	1823-27
Clayton, Augustine S.,	1831-35
Cleaveland, J. F.,	1836-39

In. Out.		MISSISSIPPI;—1817.	
Taliaferro, Benjamin,	1799—1802		
Tatnall, Edward F.,	1821—27	<i>Senators.</i>	
Telfair, Thomas,	1813—17		
Terrill, William,	1817—21		In. Out.
Thompson, Wiley,	1821—33	Adams, George,	1829—30
Towns, G. W. B.,	1835—39	Black, John,	1834—38
Troup, Geo. M.,	1807—15	Ellis, Powhatan,	1825—26
Warren, Lott,	1839—43		1827—33
Wayne, Anthony,	1791—92	Henderson, John,	1839—45
Wayne, James M.,	1829—35	Holmes, David,	1820—25
Willis, Francis,	1791—93	Leake, Walter,	1817—20
	1815—17	Poindexter, George,	1831—35
Wilde, Richard H.,	1824—25	Read, Thomas B.,	1826—27
	1827—35	Trotter, James,	1829—29
		Walker, R. J.,	1838—39
		Williams, Thomas H.,	1836—47
			1817—31

## ALABAMA;—1819.

*Senators.*

Bagby, Arthur P.,	1842—43
Chambers, Henry,	1825—26
Clay, Clement C.,	1837—42
Kelly, William,	1822—25
King, Wm. R.,	1819—47
McKinley, John,	1826—31
Moore, Gabriel,	1831—37
Walker, John W.,	1819—22

*Representatives.*

Baylor, R. E. B.,	1829—31
Chapman, Reuben,	1835—43
Clay, Clement C.,	1827—35
Crabb, George W.,	1839—41
Crowell, John,	1817—21
Dellett, James,	1839—41
Houston, George S.,	1841—43
Hubbard, David,	1839—41
Kelly, William,	1821—22
Lawler, Joab,	1835—38
Lewis, Dixon H.,	1829—43
Lyon, Francis S.,	1835—39
Mardis, Samuel W.,	1831—35
Martin, Joshua L.,	1835—39
M'Kee, John,	1823—29
McKinley, John,	1833—35
Moore, Gabriel,	1822—29
Murphy, John,	1833—35
Owen, George W.,	1823—29
Payne, William W.,	1841—43
Shields, Benjamin G.,	1841—43

*Representatives.*

Brown, Albert G.,	1839—41
Cage, Henry,	1833—35
Claiborne, J. F. H.,	1835—38
Dickson, David,	1835—37
Gholson, S. H.,	1837—38
Greene, Thomas M.,	1802—03
Gwin, Wm. M'K.,	1841—43
Haile, Wm.,	1826—28
Hinds, Thomas,	1828—31
Hunter, Narsworthy,	1801—02
Lattimore, Wm.,	1803—07
	1813—17
Plummer, Franklin E.,	1831—33
	1834—35
Poindexter, George,	1807—13
	1817—19
Prentiss, Sergeant S.,	1838—39
Rankin, Christopher,	1819—26
Thompson, Jacob,	1839—43
Word, Thomas J.,	1838—39

## LOUISIANA;—1812.

*Senators.*

Barrow, Alexander,	1841—47
Brown, James,	1812—17
	1819—24
Bouligny, Dominique,	1824—29
Claiborne, Wm. C. C.,	1817—18
Conrad, Charles M.,	1842—43
Fromentin, Eligius,	1813—19
Gayarre, Charles A.,	1835—36
Johnson, Henry,	1818—24
Johnston, Josiah S.,	1824—33
Livingston, E.,	1829—31

	In. Out.		In. Out.
Magruder, Allan B.,	1812-13	Nicholson, A. O. P.,	1841-42
Nicholas, R. C.,	1836-41	Smith, Daniel,	{ 1798-99
Porter, Alexander,	1834-37		{ 1805-09
Mouton, Alexander,	1837-42	Wharton, Jesse,	1814-15
Posey, Thomas,	1812-13	White, Hugh L.,	{ 1825-35
Waggaman, George A.,	1831-35		{ 1836-40
		Whiteside, Jenkin,	1809-11
		Williams, John,	1815-23

*Representatives.*

Brent, Wm. L.,	1823-29
Bullard, Henry A.,	1831-34
Butler, Thomas,	1818-21
Chinn, Thomas W.,	1839-41
Clark, Daniel,	1806-09
Dawson, John B.,	1841-43
Garland, Rice,	1834-40
Gurley, Henry H.,	1823-31
Johnson, Henry,	1835-39
Johnston, Josiah S.,	1821-23
Livingston, E.,	1823-29
Moore, John,	1841-43
Overton, Walter H.,	1829-31
Poydras, Julian,	1809-12
Ripley, Eleazar W.,	1835-39
Robertson, Thomas B.,	1812-18
Thomas, Philemon,	1831-35
White, Edward D.,	{ 1829-34
	{ 1839-43

## ARKANSAS; — 1836.

*Senators.*

Fulton, Wm. S.,	1836-47
Sevier, Ambrose H.,	1836-43

*Representatives.*

Cross, Edward,	1839-43
Sevier, Ambrose H., Del.,	1833-36
Yell, Archibald,	1837-39

## TENNESSEE; — 1796.

*Senators.*

Anderson, Alexander,	1840-41
Anderson, Joseph,	1797-1815
Blount, Wm.,	1796-97
Campbell, G. W.,	{ 1811-14
	{ 1815-18
Cocke, William,	{ 1796-97
	{ 1795-1805
Eaton, John H.,	1818-29
Foster, Ephraim H.,	1829-40
Grundy, Felix,	{ 1829-38
	{ 1840-41
Jackson, Andrew,	{ 1797-98
	{ 1823-25

*Representatives.*

Alexander, Adam R.,	1823-27
Allen, Robert,	1819-27
Arnold, Thomas D.,	{ 1831-33
	{ 1841-43
Bell, John,	1827-41
Blackwell, Julius W.,	1839-41
Blair, John,	1823-35
Blount, William G.,	1815-19
Bowen, John H.,	1813-15
Brown, Aaron V.,	1839-43
Brown, Milton,	1841-43
Bryan, Henry H.,	1819-23
Bunch, Samuel,	1833-37
Campbell, G. W.,	1803-09
Campbell, Thomas J.,	1841-43
Campbell, William B.,	1837-43
Cannon, Newton,	{ 1814-17
	{ 1819-23
Carter, William B.,	1835-41
Caruthers, Robert L.,	1841-43
Cheatham, Richard,	1837-39
Claiborne, Thomas,	1817-19
Claiborne, Wm. C. C.,	1797-1801
Cocke, John,	1819-27
Crockett, David,	{ 1827-31
	{ 1833-35
Crockett, John W.,	1837-41
Desha, Robert,	1827-31
Dickinson, D. W.,	1833-35
Dickson, William,	1801-07
Dunlap, Wm. C.,	1833-37
Fitzgerald, William,	1831-33
Forrester, J. B.,	1833-37
Gentry, Meredith P.,	1839-43
Grundy, Felix,	1811-14
Hall, William,	1831-33
Harris, Thomas K.,	1813-15
Henderson, Bennett H.,	1815-17
Hogg, Samuel,	1817-19
Houston, Samuel,	1823-27
Humphreys, Perry W.,	1813-15
Huntsman, Adam,	1835-37
Inge, Wm. M.,	1833-35
Isaacs, Jacob C.,	1823-33
Jackson, Andrew,	1796-97

	In. Out.		In. Out.
Johnson, Cave,	{ 1829-37	Pope, John,	1807-13
Jones, Francis,	{ 1839-43	Rowan, John,	1825-31
Lea, Luke,	1817-23	Talbot, Isham,	{ 1815-19
Lee, Prior,	1833-37	Thurston, John Buckner,	{ 1820-25
Marable, John H.,	1827-31	Walker, George,	1805-10
Marr, George W. L.,	1825-29		1814-15
Mauzy, Abraham P.,	1817-19		
McClellan, Abraham,	1835-39		
Miller, Pleasant M.,	1837-43		
Mitchell, James C.,	1809-11		
Peyton, Bailie,	1825-29		
Polk, James K.,	1833-37		
Powell, Samuel,	1825-39		
Reynolds, James B.,	1815-17		
	{ 1823-25		
	{ 1803-15		
Rhea, John,	{ 1817-23		
Sandford, James T.,	1823-25		
Sevier, John,	1811-15		
Shields, Eben. J.,	1835-39		
Standifer, James,	{ 1823-25		
	{ 1829-37		
Stone, William,	1838-39		
Thomas, Isaac,	1815-17		
Turney, H. L.,	1837-43		
Waterson, Harvey M.,	1839-43		
Weakley, Robert,	1809-11		
Wharton, Jesse,	1807-09		
White, James,	1792-94		
Williams, C. H.,	1837-43		
Williams, Joseph L.,	1837-43		

## KENTUCKY;—1792.

*Senators.*

Adair, John,	1805-06	Coleman, Nicholas D.,	1829-31
Barry, William T.,	1814-16	Daniel, Henry,	1827-33
Bibb, George M.,	{ 1811-14	Davis, Amos,	1833-35
	{ 1829-35	Davis, Garret,	1839-43
Bledsoe, Jesse,	1813-15	Davis, Thomas T.,	1797-1803
Breckenridge, John,	1801-05	Desha, Joseph,	1807-19
Browne, John,	1792-05	Duval, William P.,	1813-15
	{ 1806-07	Fletcher, Thomas,	1816-17
	{ 1810-11	Fowler, John,	1797-1807
	{ 1831-42	French, Richard,	1835-37
	{ 1817-19	Gaither, Nathan,	1829-33
	{ 1835-41	Graves, William J.,	1835-41
	{ 1842-43	Green, Willis,	1839-43
	1792-95	Greenup, Christopher,	1792-97
Clay, Henry,	1816-17		{ 1815-17
	1819-20		{ 1819-23
Crittenden, John J.,	1819-20		{ 1833-37
	1795-1801		{ 1835-39
	1841-47		{ 1831-37
Edwards, John,			{ 1837-41
Hardin, Martin T.,			
Johnson, Richard M.,			
Logan, William,			
Marshall, Humphrey,			
Morehead, J. T.,			



	In. Out.		In. Out.
Hawkins, Joseph W.,	1814-15	White, John,	1835-43
Henry, Robert P.,	1823-27	Wickliffe, Charles A.,	1823-33
Hopkins, Samuel,	1813-15	Williams, Sherrod,	1835-41
Howard, Benjamin,	1807-10	Woodson, Samuel H.,	1820-23
Johnson, Francis,	1821-27	Yancey, Joel,	1827-31
Johnson, James,	1825-26	Young, William F.,	1825-27
Johnson, John T.,	1821-25		
Johnson, Richard M.,	{ 1807-19	OHIO; — 1803.	
	{ 1829-37		
Kincaid, John,	1829-33		
Lecompte, Joseph,	1825-33	<i>Senators.</i>	
Letcher, Robert P.,	1823-33	Allen, William,	1837-43
Love, James,	1833-35	Brown, Ethan A.,	1822-25
Lyon, Chittenden,	1827-35	Burnet, Jacob,	1828-31
Lyon, Matthew,	1803-11	Campbell, Alexander,	1809-13
Marshall, Thomas A.,	1831-35	Ewing, Thomas,	1831-37
Marshall, Thomas F.,	1841-43	Griswold, S.,	1809-09
McHatton, Robert,	1826-29	Harrison, William H.,	1825-28
McKee, Samuel,	1809-17	Kerr, Joseph,	1814-15
McLean, Alney,	{ 1815-17	Meigs, Return J.,	1808-10
	{ 1819-21	Morris, Thomas,	1833-39
Menifee, Richard H.,	1837-39	Morrow, Jeremiah,	1813-19
Metcalfe, Thomas,	1819-29	Ruggles, Benjamin,	1815-33
Montgomery, Thomas,	{ 1813-15	Smith, John,	1803-08
	{ 1821-23	Tappan, Benjamin,	1839-45
	{ 1823-29	Tiffin, Edward,	1807-09
Moore, Thomas P.,	{ 1833-34	Trimble, William A.,	1819-22
Murray, John L.,	1838-39	Worthington, Th.	{ 1803-07
	{ 1811-13		{ 1810-14
	{ 1817-19		
	{ 1821-23	<i>Representatives.</i>	
New, Anthony,	1811-17	Alexander, John,	1813-17
Ormsby, Stephen,	1792-97	Alexander, J., Jr.,	1837-39
Orr, Alexander D.,	1841-43	Allen, William,	1833-35
Owsley, Bryan Y.,	1837-43	Allen, John W.,	1837-41
Pope, John,	1833-35	Andrews, S. J.,	1841-43
Pope, P. H.,	1817-20		{ 1817-19
Quarles, Tunstall,	1817-21	Barber, Levi,	{ 1821-23
Robertson, George C.,	1807-09	Bartley, Mordecai,	1823-31
Rowan, John,	1837-39	Beall, Reasin,	1813-15
Rumsey, Edward,	1803-07	Beecher, Philemon,	{ 1817-21
Sanford, Thomas,	1813-17		{ 1823-29
Sharpe, Solomon P.,	1821-23	Bell, James M.,	1833-35
Smith, John S.,	1837-39	Bond, William K.,	1835-41
Southgate, William W.,	1817-19	Brush, Henry,	1819-21
Speed, Thomas,	1841-43	Caldwell, James,	1813-17
Sprigg, James C.,	1815-17	Campbell, John W.,	1817-27
Taul, Micah,	1841-43	Chambers, David,	1821-23
Thompson, John B.,	1823-25	Chaney, John,	1863-39
Thompson, Philip,	1831-35	Clendenen, David,	1815-17
Tompkins, Christopher,	1817-27	Coffin, Charles G.,	1838-39
Trimble, David,	1839-43	Cooke, Eleutheros,	1831-33
Triplet, Philip,	1835-43	Corwin, Thomas,	1831-40
Underwood, Joseph R.,	1817-20	Cowen, Benj. S.,	1841-43
Walker, David,	1803-07	Crane, Joseph H.,	1829-37
Walton, Matthew,	1823-25		
White, David,			



	In. Out.		In. Out.
Carr, John,	{ 1831-37	Duncan, Joseph,	1827-35
Cravens, James H.,	{ 1839-41	May, William L.,	1835-39
Davis, John W.,	1841-43	McLean, John,	1818-19
Dunn, George H.,	{ 1835-37	Pope, Nathaniel,	1816-18
Ewing, John,	{ 1839-41	Reynolds, John,	{ 1835-37
Graham, William,	1837-39	Slade, Charles,	{ 1839-43
Hannegan, E. A.,	{ 1833-35	Snyden, A. W.,	1833-34
Hendricks, W.,	{ 1837-39	Stephenson, Benjamin,	1837-39
Herod, William,	1837-39	Stuart, John T.,	1815-16
Howard, T. A.,	1839-40		1839-43
Jennings, Jonathan,	{ 1809-16		
Kennedy, Andrew,	{ 1822-31		
Kinnard, George L.,	1841-43		
Lane, Amos,	1833-37		
Lane, Henry S.,	1833-37		
McCarty, Jonathan,	1841-43		
Parke, Benjamin,	1831-37		
Prince, William,	1805-08		
Proffit, George H.,	1823-24		
Rariden, James,	1839-43		
Smith, Oliver H.,	1837-41		
Smith, Thomas,	1827-29		
Test, John,	1839-41		
Thomas, Jesse B.,	{ 1823-27		
Thompson, R. W.,	{ 1829-31		
Wallace, David,	1808-09		
White, Albert S.,	1841-43		
White, Joseph L.,	1841-43		
Wick, William W.,	1837-39		
	1841-43		
	1839-41		

## MISSOURI;—1821.

*Senators.*

Barton, David,	1821-31
Benton, Thomas H.,	1821-45
Buckner, Alexander,	1831-33
Linn, Lewis F.,	1834-43

*Representatives.*

Ashley, Wm. H.,	1831-37
Bates, Edward,	1827-29
Bull, John,	1833-35
Easton, Rufus,	1814-16
Edwards, John C.,	1841-43
Hamsted, Edward,	1811-14
Harrison, Albert G.,	1835-39
Jameson, John,	1840-41
Miller, John,	1837-43
Pettis, Spencer,	1829-31
Scott, John,	1816-27

## ILLINOIS;—1818.

*Senators.*

Baker, David J.,	1830-31
Edwards, Ninian,	1818-24
Ewing, Wm. L. D.,	1836-37
Kane, Elias K.,	1825-36
McLean, John,	{ 1824-25
McRoberts, Samuel,	{ 1829-30
Robinson, John M.,	1841-43
Thomas, Jesse B.,	1831-41
Young, Richard M.,	1818-29
	1837-43

*Representatives.*

Bond, Shadrach,	1811-15
Casey, Zadock,	1833-43
Cooke, Daniel B.,	1819-27

## DELEGATES.

*Florida;—1822.*

Cale, Richard K.,	1823-25
Downing, Charles,	1837-41
Hernandez, Joseph M.,	1822-23
Levy, David,	1841-43
White, Joseph M.,	1823-37

*Wisconsin;—1837.*

Dodge, Henry,	1841-43
Doty, James D.,	1839-41
Jones, George W.,	1837-39

*Iowa;—1839.*

Chapman, Wm. W.,	1839-41
Dodge, Augustus C.,	1841-43

## XIV. TITLES AND ABSTRACTS OF THE PUBLIC LAWS

PASSED AT THE LAST SESSION OF THE 27TH CONGRESS.

*Abstract of the Appropriation Bills.*

<i>Civil and Diplomatic Expenses.</i>	Half year ending June 30, 1843.	Year ending June 30, 1844.
Congress — pay of members, and incidental expenses, - - -	\$552,812	\$924,402 50
President of the United States, - - -	12,500	25,000
Department of State, - - -	28,122 50	*81,219 46
Treasury Department, - - -	191,762 99	406,793 02
War Department, - - -	63,430	133,590
Navy Department, - - -	35,105	92,070
Post-Office Department, - - -	86,730	177,951 52
Surveyors and their Clerks, - - -	24,535	69,020
United States Mint and Branches, - - -	56,215	120,603
Governments of the Territories, - - -	62,775	97,325
Judiciary, - - -	302,275	502,000
Miscellaneous, - - -	117,065 34	417,826 87
Light-house Establishment, - - -	196,994 17	434,585 05
Intercourse with Foreign Nations, - - -	140,150	288,300
Patent Office, - - -		9,400
Surveys of Public Lands, - - -		63,900
Post-Office Department, - - -		†4,545,000
<hr/>		
<i>Army Appropriation Bill, - - -</i>	1,870,472 50	8,388,986 42
<i>Navy Appropriation Bill, - - -</i>	673,949 78	4,299,184 33
<i>Marine Corps, - - -</i>	3,292,034 07	5,293,853 94
<i>Navy Pensions, - - -</i>	164,942 14	331,903 07
<i>Building and Repairing Fortifications, - - -</i>		62,000
<i>Pensions, - - -</i>	250,000	558,500
<i>Fulfilling Indian treaties, - - -</i>	119,340	1,078,150
<i>Treaty with Great Britain, - - -</i>	811,461 99	1,288,921 34
<i>Protecting Commerce on Lake Michigan, - - -</i>		532,727 74
<i>Survey of Memphis Harbor, - - -</i>		80,000
<i>Electro-Magnetic Telegraphs, - - -</i>		3,000
<i>Payment of Georgia Militia, - - -</i>		30,000
<i>Private Claims, - - -</i>		19,399 87
		65,708 52
<hr/>		
Total of Appropriations, - - -	7,182,200 48	22,032,335 23

No. 1. Civil and Diplomatic Appropriation Bill for the half calendar year. Dec. 24, 1842. See abstract above.

No. 2 *An Act to amend an Act establishing a District Court of the United States at Wheeling, Va.* Jan. 20, 1843. See page 112.

No. 3. *An Act to continue the office of Commissioner of Pensions.* The office is continued to March 4, 1846, the Commissioner to perform duties in relation to the several pension laws, and also in respect to the laws

\* Including \$24,774 46, for printing compendium of the sixth Census.

† Not a charge on the Treasury, being defrayed out of the revenue of the Post Office.

granting military bounty lands. He is to receive a salary of \$2,500 a year, and the franking privilege. January 20, 1843.

No. 4. *An Act to reenact and continue in operation the several Acts now in force for the relief of Insolvent Debtors of the United States.* The act of May 27, 1840, is continued for a further period of three years, and until the cases which may be depending shall be determined, and for finally disposing of such cases, and for no other purpose. January 28, 1843.

No. 5. Appropriation Bill for Pensions. February 14, 1843. See abstract on page 177.

No. 6. *An Act to authorize the chief Clerk in the office of the Secretary of State to frank public and official documents sent from that office.* February 15, 1843.

No. 7. *An Act to change the place of holding the circuit and district courts in the District of Maine.* February 15, 1843. See page 112.

No. 8. *An Act to authorize the Legislatures of the States of Illinois, Arkansas, Louisiana, and Tennessee, to sell the lands heretofore appropriated for the use of Schools in those States.* The proceeds of the sales are to be applied forever for the support of schools; the sales shall take place only by the consent of the inhabitants of the township, and each township shall receive the money accruing from the sale of its own land. The legislatures may lease the lands for terms not exceeding four years, if it be not expedient to sell. If the proceeds of the sale are insufficient at first, they may be invested in a safe and productive way, till they are adequate to maintain schools. February 15, 1843.

No. 9. *An Act altering the times of holding the Circuit Court of the United States for the District of Connecticut.* February 24, 1843. See page 113.

No. 10. *An Act to continue in force an act therein mentioned, relating to the Port of Baltimore.* The act of March 17, 1800, so far as it relates to the act of the state of Maryland, is continued until June 1, 1850; *Provided*, that no tonnage duty shall be levied on steam vessels employed in transporting passengers. February 24, 1843.

No. 11. *An Act amendatory of an act establishing the Branch Mint at Dahlonega, Georgia, and defining the duties of assayer and coiner.* The duties of melter and refiner are transferred from the assayer to the coiner, at the branches in Dahlonega, Ga., and Charlotte, N. C. February 27, 1843.

No. 12. *An Act to amend an act entitled "An act making an appropriation for the erection of a marine hospital at or near Ocracoke, N. C."* The sum of \$10,000, appropriated by the said act, shall not revert to the surplus fund. February 27, 1843.

No. 13. *An Act amendatory of "An act for the relief of sick and disabled seamen."* The act of July 16, 1798, is extended to the masters, owners, and seamen of registered vessels employed in the coasting trade. March 1, 1843.

No. 14. *An Act to perfect the titles to lands south of the Arkansas river, held under New Madrid locations and preëmption rights, under the act of 1814.*

The locations heretofore made of warrants under the act of February 17, 1815, on the south side of the Arkansas river, are perfected into grants, as if the Indian title to the lands had been completely extinguished when the act was passed. If the locations have been sold, and the lands thus located have been appropriated by the United States, the owner of the warrants shall have a right to enter, within 12 months after the passage of this act, without payment, a like quantity of public land in any unappropriated and unimproved part of the state of Arkansas. Settlers on the south of Arkansas river shall have the benefit of the preemption act of 1814, as though they had resided north of the river. All Cherokee preemptions south of the base line in Arkansas are confirmed, and patent rights are to be issued as in other cases. March 1, 1843.

No. 15. *An Act in relation to the two per cent. fund of the State of Mississippi.* The assent of congress is given to the appropriation by the state, for the completion of the railroad from Brandon to Jackson, of \$25,000, as part of the two per cent. fund heretofore relinquished by Congress to the state of Mississippi. March 1, 1843.

No. 16. Army appropriation bill. March 1, 1843. See abstract on p. 177.

No. 17. *An Act regulating the mode of paying over to the State of Alabama the two per cent. fund relinquished to said State by the act approved on the 4th of September, 1841.* The bills of the Bank of the State of Alabama and its branches may be received from the settlers on the public lands in that state, in payment for their houses and improvements, to an amount equal to as much of the two per cent. fund as remains unpaid. *Provided*, that no settler shall enter more than one quarter section of land with such bills; that the state shall receive from the United States Government such bills in payment of the two per cent. fund; and that nothing in this act shall be construed so as to change the conditions annexed to the relinquishment of said fund. March 1, 1843.

No. 18. *An Act regulating the currency of foreign gold and silver coins in the United States.* Gold coins of Great Britain, of not less than 915 1-2-thousandths fine, shall pass current as money at 94 6.10 cents per pennyweight; and the gold coins of France, of not less than 899-thousandths fine, at 92 9-10 cents per pennyweight. Of silver coins, the Spanish pillar dollars, and the dollars of Mexico, Peru, and Bolivia, of not less than 897-thousandths fine, and 415 grains in weight, shall pass current at 100 cents each; and the five-franc pieces of France, of not less than 900-thousandths fine, and 384 grains in weight, at 93 cents each. Assays of these coins shall be made once in every year. March 3, 1843.

No. 19. *An Act to amend the laws regulating Imprisonment for Debt within the District of Columbia.* No person shall be committed to close jail, or denied the benefit of the prison rules for debt, being charges in execution upon a judgment from which an appeal has been taken and remains undecided, or upon which any writ of error is depending, until one year from the time when such appeal or writ of error shall have been finally

disposed of; but every person so imprisoned shall be entitled to the prison rules during said year; *provided*, that the debtor give a new bond, with sureties, in the penalty of twice the amount of the judgment, that he will not depart from the bounds of the prison, until duly discharged. No alteration of the prison bounds shall be made during the term of imprisonment of any one debtor, to apply to that debtor, but the limits of the prison liberties for him shall remain as they were when he was committed. No female shall be imprisoned for debt on mesne or final process. March 3, 1843.

No. 20. *An Act declaring Robbinston, in the State of Maine, to be a port of Delivery.* March 3, 1843.

No. 21. *An Act to permit the entry of Merchandize recovered from shipwreck, in certain cases, free from duty.* When any ship or vessel is sunk, and has remained sunk for two years, and has been abandoned by the owners, any persons who may raise it shall be permitted to bring merchandise therefrom into the nearest port, free from the payment of any duty, and without being obliged to enter it at the custom-house. March 3, 1843.

No. 22. *An Act to reduce the salary of the surveyor of the port of Camden, New Jersey.* The salary is reduced to \$250 a year. March 3, 1843.

No. 23. Appropriation bill for Indian treaties. See abstract on p. 177. March 3, 1843.

No. 24. *An Act to provide, in certain cases, for the sale of the real estate of infants within the District of Columbia.* The guardian of an infant may exhibit a bill, verified by his oath, in the circuit court of the District, setting forth all the real and personal estate of the infant, and the facts which show whether the interest of his ward will be promoted by a sale. A guardian *ad litem* shall be appointed to answer the bill on oath, or the infant, if over 14 years old, shall answer in person on oath. Commissions for taking depositions shall be awarded, and all necessary facts shall be fully proved. The court may then decree the sale on such terms of credit as it shall see fit, always retaining a lien on the estate for the payment of the purchase money. If the infant, after such sale, shall die intestate, under the age of 21 years, the proceeds of the sale shall be considered as real estate, and shall pass to the heirs at law, as if it had not been sold. If a sale be decreed, the costs of the suit shall be paid out of the infant's estate; otherwise, by the plaintiff. *Provided*, that the guardian, or guardian *ad litem*, shall in no case be admitted as a purchaser of the estate, or in any way become the owner thereof during the infancy of the heir; and no sale shall be decreed, if the testator from whom it was derived shall have expressly directed otherwise. March 3, 1843.

No. 25. Appropriation bill for pensions. March 3, 1843. See abstract on page 177.

No. 26. *An Act to set aside certain reservations of lands, on account of live oak, in the southeastern District of Louisiana.* The reservations of lands made in 1832, on account of live oak supposed to grow thereon, are set aside and annulled. March 3, 1843.

No. 27. *An Act authorizing the sale of lands, with the improvements thereon erected by the United States, for the use of their agents, teachers, farmers, mechanics, and other persons employed among the Indians.* The Secretary of War is authorized to sell all buildings that have been or shall be erected for the use of persons employed among the Indians, when the lands shall have become the property of the United States, and are no longer necessary for the purposes aforesaid. With each building a quantity of land, not more than one section, may be sold. March 3, 1843.

No. 28. Appropriation bill for the fortifications. March 3, 1843. See abstract on page 177.

No. 29. *An Act to change the times of holding the Circuit and District courts for the district of East Tennessee.* March 3, 1843. See page 112.

No. 30. *An Act authorizing the reissue of Treasury Notes, and for other purposes.* If treasury notes are redeemed before July 1, 1844, other notes may be issued to the same amount. After maturity of notes issued under the act of August 31, 1842, interest may be paid on them as on notes issued previous to April 15th, under the ninth section of the act approved on that day. In lieu of reissuing treasury notes, the President may, if he deems it expedient, redeem the notes by an issue of stock of the United States, in the form and under the provisions of the act of April 15th, 1842. March 3, 1843.

No. 31. *An Act to repeal the Bankrupt act.* The bankrupt act is repealed, with a proviso, that proceedings commenced before the passage of this act shall not be affected. March 3, 1843.

No. 32. Navy Appropriation Bill. March 3, 1843. See abstract on p. 177.

No. 33. *An Act to test the practicability of establishing a system of electro-magnetic telegraphs by the United States.* \$30,000 are appropriated for constructing a line of electro-magnetic telegraphs, under the superintendence of the inventor, Samuel F. B. Morse, of such length and between such points as shall test its practicability and utility; the said Morse and his assistants receiving a fair compensation for their services out of this sum. March 3, 1843.

No. 34. *An Act for the protection of Commerce on Lake Michigan.* For constructing a harbor at Milwaukee, surveying a site for a light-house at Southport, continuing the public works at Chicago and St. Joseph, the sum mentioned in the abstract on page 177. March 3, 1843.

No. 35. *An Act to authorize the investigation of alleged frauds under the preemption laws, and for other purposes.* The commissioner of the land office is authorized to employ an agent to investigate, under oath, the frauds alleged to exist in the Columbus land district, in Mississippi. The commissioner shall finally settle the matter in controversy, subject only to an appeal to the Secretary of the Treasury. The agent is limited in his powers to a term of one year from the date of this act, and his pay shall not exceed \$3 a day. If a person entitled to the benefit of the preemption laws shall die before consummating his claim, his heirs may



complete it, and the entry in such cases shall be in favor of "the heirs." Every settler on reserves or lands covered by private claims, which were not surveyed at the time of settlement, shall be entitled to enter any other quarter, or other fractional section, not more than 160 acres, at the minimum price; *provided*, that his settlement was made before September 4, 1841, and after the extinguishment of the Indian title. When an individual has filed his declaration under the late pre-emption law for one tract, he shall not be permitted, at any future time, to file a second declaration for another tract. Claimants under the late law must make known their claims, in writing, to the register of the proper office, within three months from the date of this act, or within three months from the time of settlement. But if there be a vacancy in the office, it shall not operate to the detriment of the claim. If a settler resides on a fraction of a section less than 160 acres, and cultivate land on any other and different tract, he may choose between two legal subdivisions of each, so as to include his or her house and farm, as granted under the act of June 22, 1838. When two or more reside on the same tract, and one or more of them may have cultivated land on another tract, the latter may choose between entering the tract lived on jointly with the others, or entering the tract cultivated; or such joint settlers may jointly enter the tract thus occupied by them, and also enter other contiguous unoccupied lands, so as not to exceed 160 acres to each settler. All persons coming within the 10th section of the act of September 4, 1841, shall have the right of pre-emption under it, though they may have improved the lands before they were surveyed; *Provided*, that such settlements were made before the date of the act, and after the extinguishment of the Indian title. And one who has filed a notice of intention to claim any tract by pre-emption under said act, shall not be precluded from the right allowed by law to others to purchase the same by private entry, after the expiration of the right of pre-emption.

No. 36. *An Act to fix the compensation of the Commissioner of Public Buildings.* The salary shall be \$2,000 *per annum*. March 3, 1843.

No. 37. *An Act to provide for holding Circuit Courts at Williamsport, in the western district of Pennsylvania.* March 3, 1843. See page 113.

No. 38. *An Act to provide for carrying into effect the Treaty between the United States and Great Britain, concluded at Washington on the 9th of August, 1842.* A commissioner shall be appointed to mark the boundary, with a salary of \$3,000, and a clerk with a salary of \$1,500 *per annum*. Officers of the corps of topographical engineers may be ordered to assist. \$300,000 are to be paid, in equal moieties, to Maine and Massachusetts. And for expenses incurred by these states in protecting the heretofore disputed territory, there shall be paid to Massachusetts the farther sum of \$10,792 95, and to Maine \$206,934 79. The President shall apply so much of the naval appropriation as is necessary to maintain the naval force stipulated to be employed on the coast of Africa. March 3, 1843.

No. 39. *An Act authorizing an examination and survey of the harbor of Memphis, in Tennessee.* To ascertain the expediency of establishing a naval depot and yard at this place, \$3,000 are appropriated. March 3, 1843.

No. 40. *An Act providing for the sale of certain lands in the States of Ohio and Michigan, ceded by the Wyandot tribe of Indians, and for other purposes.* The land ceded by a treaty with the Wyandot tribe, made March 17, 1842, shall be attached to the consolidated land district in which it is situated. And the land office for this district shall be removed from Lima to Upper Sandusky, as soon as it shall be expedient. A portion of the tract, including Upper Sandusky, and not exceeding 640 acres, shall be laid off into town lots, streets, &c., the town lots not to exceed a quarter of an acre each, nor the out lots two acres each. All the land, except the 16th section reserved for schools, and the reserves according to the treaty, shall be offered at public sale, the sales not to remain open more than two weeks, and the price not to be less than \$2 50 an acre. No town lot shall be sold for less than \$20, and no out lot for less than \$15 an acre. The improved lands, and the quality of each improvement, shall be designated on the plat of the survey, and if the dividing lines shall divide and injuriously affect the value of an improvement, halves of two adjacent quarter sections may be attached together for sale, so as to preserve, if possible, the improvements on a tract entire. If the real value, according to the superintendent's estimate, be not offered for an improved tract, he shall withdraw it from the sale, and offer it again at another time. The lands of the Wyandot reserve in Michigan, ceded by the aforesaid treaty, shall be a part of the district subject to sale at Detroit, and shall be sold in the way directed above for the lands in Ohio, the price not to be less than \$2 an acre. March 3, 1843.

No. 41. *An Act to fix the value of certain foreign moneys of account, in computation at the custom-houses.* The thaler of Prussia shall be taken at the value of 68½ cents; the mil-reis of Portugal, 112 cents; the rixdollar of Bremen, 78¾ cents; the thaler of Bremen, of 72 groats, 71 cents; the mil-reis of Madeira, 100 cents; the mil-reis of the Azores, 83¼ cents; the marc banco of Hamburg, 35 cents; the rouble of Russia, 75 cents; the rupee of British India, 44½ cents. All former laws inconsistent with this are repealed. March 3, 1843.

No. 42. *An Act providing the means of future intercourse between the United States and the Government of China.* \$40,000 are appropriated for this purpose, provided that no one person employed shall receive more than \$9,000 per annum, exclusive of outfit, and no agent shall be sent, unless appointed with the advice and consent of the Senate. March 3, 1843.

No. 43. *An Act to modify the act entitled "An act to provide for the better security of the lives of passengers on board of vessels propelled in whole or in part by steam," approved July 7, 1838.* Every boat shall have additional means of steering provided, in case the man at the wheel should be driven away by fire. If thus provided, wheel ropes may be used around the axle of the wheel,

and for not more than 22 feet therefrom, and also in connecting the rudder-yoke or tiller with the iron rods or chains used for working the rudder; *provided*, that no more rope be used than is sufficient to reach from the rudder-yoke to the nearest blocks on rollers, and chains shall be connected with these ropes so as to take effect if the ropes should be burnt off. Boats navigating the lakes, propelled by sails and Ericson's propeller, and used exclusively for freight, shall not be obliged to carry a fire-engine, or more than one long-boat. Suits now pending against boats for using rudder-ropes instead of chains may be dismissed, if it be shown that chains were not used from a well grounded fear that they could not be used with safety. Three examiners are to be appointed to make experimental trials of inventions for preventing the explosion of steam boilers, to ascertain the relative strength of copper and iron boilers, and what amount to the square inch can be worked with safety, what is the best plan for testing the strength of boilers, and what limitation as to the pressure of steam ought to be established by law, and to report to the next Congress. March 3, 1843.

No. 44. *An Act in relation to the exemplification of the records of Land Patents, and other evidences of title, and amendatory of the act entitled "An act to reorganize the General Land-Office."* Literal exemplifications of records shall be held good in all law proceedings, as if the names of the officers signing and countersigning the same had been inserted. Exemplifications of warrants, surveys, and other evidences, shall be held as of equal validity with the original papers on file in the office. March 3, 1843.

No. 45. *An Act providing for the settlement of claims for supplies furnished the Florida Militia.* The claims are to be settled upon principles of equity and justice, under direction of the Secretary of War. March 3, 1843.

No. 46. *An Act directing the survey of the northern line of the reservation for the half breeds of the Sacs and Fox tribes of Indians by the treaty of August, 1824.* The chief engineer is to draw the line from the point known, at the date of the treaty, as the northwest corner of the state of Missouri, thence due east to the river Mississippi, the section of this line lying between that stream and the river Des Moines being the northern boundary of the reservation. March 3, 1843.

No. 47. *An Act to repeal an act entitled "An act to extend the collection district of Wiscasset."* The act of August 31, 1842, is repealed.

No. 48. *An Act to authorize the election or appointment of officers in the Territory of Wisconsin.* The legislative assembly may provide by law for the election or appointment of sheriffs, judges of probate, justices of the peace, and county surveyors, as they may see fit. The members of said legislative assembly shall be hereafter elected for the same terms of service, as those for which the members of the legislative assembly of Iowa are now elected. March 3, 1843.

No. 49. Civil and Diplomatic Appropriation Bill. March 3, 1843. See abstract on page 177.

No. 50. *An Act for the relief of the Stockbridge tribe of Indians, in the Territory of Wisconsin.* The township of land on the east side of the Winnebago Lake, reserved for the use of the Stockbridge Indians, may be divided among the individuals of the tribe, and be held by them in fee simple. A board of commissioners, consisting of five of the head men of said tribe, shall make the division. The male members of the tribe, over twenty-one years, shall elect, by a majority of votes, these commissioners, at a meeting on the first Monday in April, 1843, the judge of the district presiding at the meeting and furnishing a certificate of the proceedings. In making the division, the improvements and farms, as far as possible, shall be allotted to the present occupants. The commissioners shall make a full report and map of the division, and lodge it with the town clerk of the tribe before July 1st, 1843. Individuals deeming themselves aggrieved may give notice to the commissioners, who, after giving a hearing, and examining evidence, may modify the partition, if they see fit. Three copies of the report and map are to be made, one to be transmitted to the President of the United States, who shall cause patents to be issued to the persons named in the report. After these proceedings, these Stockbridge Indians shall be deemed citizens of the United States, to all intents and purposes, and shall be subject to the laws of the United States, and of the Territory of Wisconsin, like the other citizens of that territory. But they shall not be deprived by this act of any annuity due them from the State of New York or the United States. March 3, 1843.

No. 51. *An Act granting a pension to certain revolutionary soldiers.* The widow of any revolutionary soldier, who, under former acts, received or is entitled to a pension for five years from March 4, 1836, shall receive the same pension for a further term of one year from March 4, 1843. \$380,000 are appropriated for this purpose. March 3, 1843.

No. 52. *An Act further to continue in force the act for the payment of horses and other property lost in the military service of the United States.* The act of January 18, 1837, is continued in force for two years from the end of the present session of Congress, after which time all claims shall be barred and irrecoverable. In making proof of the loss of a horse from want of forage, additional proof of hard service connected therewith shall not invalidate the proof of loss by failure of forage, the proof of want of forage being satisfactory. March 3, 1843.

## XV. POPULATION OF THE PRINCIPAL CITIES.

	1790.	1800.	1810.	1820.	1830.	1840.
New York,	33,131	60,489	96,373	123,000	203,007	312,710
Philadelphia,*	42,520	70,287	96,664	108,116	167,118	258,037
Baltimore,*	13,503	26,614	46,555	62,738	80,625	134,379
New Orleans,			17,242	27,176	46,310	102,193
Boston,	18,038	24,927	32,250	43,298	61,392	93,383
Cincinnati,		750	2,540	9,644	24,831	46,338
Brooklyn,		3,298	4,402	7,175	12,042	36,233
Albany,	3,498	5,349	9,356	12,630	24,238	33,721
Charleston,	16,359	14,712	24,711	24,460	30,289	29,261
Washington,		3,210	8,208	13,247	18,827	23,364
Providence,		7,614	10,071	11,767	16,832	23,171
Louisville,			1,357	4,012	10,352	21,210
Pittsburg,		1,565	4,768	7,248	12,542	21,115
Lowell,					6,474	20,796
Rochester,				1,502	9,269	20,191
Richmond,		5,537	9,735	12,046	16,060	20,153
Troy,			3,885	5,264	11,401	19,334
Buffalo,			1,508	2,095	8,653	18,213
Newark,				6,507	10,953	17,290
St. Louis,				4,598	5,852	16,460
Portland,		3,677	7,109	8,581	12,601	15,218
Salem,	7,521	9,457	12,613	12,731	13,886	15,082

\* Including the County.

## XVI. Table exhibiting the Seats of Government, the Times of Holding the Election of State Officers, and the Times of the Meeting of the Legislatures of the several States.

States.	Seats of Government.	Times of Holding Elections.	Times of the Meeting of the Legislatures.
Maine,	Augusta,	2d Monday in Sept.	1st Wednesday in January.
N. Hampshire,	Concord,	2d Tuesday in March,	1st Wednesday in June.
Vermont,	Montpelier,	1st Tuesday in Sept.	2d Thursday in October.
Massachusetts,	Boston,	2d Monday in Nov.	1st Wednesday in January.
Rhode Island,	{ Providence,	1st Wed. in April,	1st Tuesday in May.
Connecticut,	and Newport,		last Monday in October.
New York,	Hart. & N. Hav.	1st Monday in April,	1st Wednesday in May.
New Jersey,	Albany,	1st Monday in Nov.	1st Tuesday in January.
Pennsylvania,	Trenton,	2d Tuesday in Oct.	4th Tuesday in October.
Delaware,	Harrisburg,	2d Tuesday in Oct.	1st Tuesday in January.
Maryland,	Dover,	2d Tuesday in Nov.	1st Tuesday in Jan. <i>biennially</i> .
Virginia,	Annapolis,	1st Wednesday in Oct.	last Monday in December.
N. Carolina,	Richmond,	4th Thursday in April,	1st Monday in December.
S. Carolina,	Raleigh,	Commonly in August,	2d Monday in Nov. <i>bienn.</i>
Georgia,	Columbia,	2d Monday in Oct.	4th Monday in November.
Alabama,	Milledgeville,	1st Monday in Oct.	1st Monday in Nov. <i>biennially</i> .
Mississippi,	Tuscaloosa,	1st Monday in Aug.	1st Monday in December.
Louisiana,	Jackson,	1st Mon. & Tues. Nov.	1st Monday in Jan. <i>bienn.</i>
Arkansas,	New Orleans,	1st Monday in July,	1st Monday in January.
Tennessee,	Little Rock,	1st Monday in Oct.	1st Monday in Nov. <i>bienn.</i>
Kentucky,	Nashville,	1st Thursday in Aug.	1st Monday in Oct. <i>bienn.</i>
Ohio,	Frankfort,	1st Monday in Aug.	1st Monday in December.
Indiana,	Columbus,	2d Tuesday in Oct.	1st Monday in December.
Illinois,	Indianapolis,	1st Monday in Aug.	1st Monday in December.
Missouri,	Springfield,	1st Monday in Aug.	1st Monday in Dec. <i>bienn.</i>
Michigan,	Jefferson City,	1st Monday in Aug.	1st Monday in Nov. <i>bienn.</i>
	Detroit,	1st Monday in Nov.	1st Monday in January.

# XVII. GOVERNORS OF THE SEVERAL STATES AND TERRITORIES,

*With their Salaries, Terms of Office, and Expiration of their respective Terms; the Number of Senators and Representatives in the State Legislatures, with their respective Terms.*

States.	Governors.	Salary.	Gov. Term, Years	Term expires.	Senators.	Term Y'rs.	Representatives.	Term Y'rs.
Maine.	Edward Kavanagh,	1,500	1	Jan. 1844	31	1	151	1
N. H.	Henry Hubbard,	1,200	1	June 1844	12	1	250	1
Vt.	John Mattocks,	750	1	Oct. 1844	30	1	230	1
Mass.	Marcus Morton,	2,500	1	Jan. 1844	40	1	356	1
R. I.	James Fenner,	400	1	May 1844	31	1	69	1
Conn.	C. F. Cleveland,	1,100	1	May 1844	21	1	215	1
N. Y.	Wm. C. Bouck,	4,000	2	Jan. 1845	32	4	128	1
N. J.	Wm. Pennington,	2,000	1	Oct. 1844	18	1	58	1
Penn.	David R. Porter,	4,000	3	Jan. 1845	33	3	100	1
Del.	Wm. B. Cooper,	1,333½	3	Jan. 1844	9	4	21	2
Md.	Francis Thomas,	4,200	3	Jan. 1845	21	5	82	1
Va.	James McDowell,	3,333½	3	Jan. 1846	32	4	134	1
N. C.	J. M. Morehead,	2,000	2	Jan. 1845	50	2	120	2
S. C.	Jas. H. Hammond,	3,500	2	Dec. 1844	45	4	124	2
Ga.	Ch. J. McDonald,	3,500	2	Nov. 1843	47	1	130	1
Ala.	Benj. Fitzpatrick,	3,500	2	Dec. 1845	33	3	100	1
Mp.	T. M. Tucker,	3,000	2	Jan. 1844	30	4	91	2
La.	Alex. Mouton,	6,000	4	Jan. 1847	17	4	60	2
Ark.	Archibald Yell,	2,000	4	Nov. 1844	21	4	64	2
Tenn.	James C. Jones,	2,000	2	Oct. 1845	25	2	75	2
Ky.	Robert P. Letcher,	2,500	4	Sept. 1844	38	4	100	1
Ohio.	Wilson Shannon,	1,500	2	Dec. 1844	36	2	72	1
Mich.	John S. Barry,	1,500	2	Jan. 1844	18	2	53	1
Ind.	James Whitcomb,	1,500	3	Dec. 1846	30	3	62	1
Ill.	Thomas Ford,	1,000	4	Dec. 1846	40	4	91	2
Mo.	Thomas Reynolds,	1,500	4	Nov. 1844	18	4	49	2
Territ.								
Fl.	Richard H. Call,	2,500	3	Dec. 1844	15	2	29	1
Wisc.	James D. Doty,	2,500	3	Mar. 1844	13	2	26	1
Iowa,	John Chambers,	2,500	3	July 1844			26	1

In all the States except *New Jersey*, *Virginia*, and *South Carolina*, the Governor is voted for by the people; and if no one has a majority of all the votes, in the States in which such a majority is required, the Legislature elects to the office of Governor, one of the candidates voted for by the people.

## XVIII. COLLEGES IN THE

	Name.	Place.	Presidents.	Found- ed.
1	Bowdoin,	Brunswick, Me.	Leonard Woods, Jr., D. D.	184
2	Waterville,*	Waterville, do.	— Sheldon.	1 20
3	Dartmouth,	Hanover, N. H.	Nathan Lord, D. D.	1769
4	University of Vermont,	Burlington, Vt.	John Wheeler, D. D.	1791
5	Middlebury,	Middlebury, do.	Benjamin Labaree, D. D.	1800
6	Norwich University,	Norwich, do.	Alden Partridge, A. M.	1834
7	Harvard University,	Cambridge, Mass.	Josiah Quincy, L.L. D.	1638
8	Williams,	Williamstown, do.	Mark Hopkins, D. D.	1793
9	Amherst,	Amherst, do.	Heman Humphrey, D. D.	1821
10	Brown University,*	Providence, R. I.	Francis Wayland, D. D.	1764
11	Yale,	New Haven, Con.	Jeremiah Day, D. D.	1700
12	Washington,†	Hartford, do.	Silas Totten, D. D.	1824
13	Wesleyan University,†	Middletown, do.	Stephen Olin, D. D.	1831
14	Columbia,†	New York, N. Y.	Nath. F. Moore, L.L. D.	1754
15	Union,	Schenectady, do.	Eliphalet Nott, D. D.	1795
16	Hamilton,	Clinton, do.	Simeon North, L.L. D.	1812
17	Hamilton Lit. and Theol.*	Hamilton, do.	Nathaniel Kendrick, D. D.	1819
18	Geneva,†	Geneva, do.	Benjamin Hale, D. D.	1823
19	University of New York,	New York, do.	Th. Frelinghuysen, L.L.D.	1831
20	College of New Jersey,	Princeton, N. J.	James Carnahan, D. D.	1746
21	Rutgers,	N. Brunswick, do.	Abr. B. Hasbrouck, L.L.D.	1770
22	University of Pennsylva.	Philadelphia, Penn.	John Ludlow, D. D.	1755
23	Dickinson,†	Carlisle, do.	John P. Durbin, D. D.	1783
24	Jefferson,	Canonsburg, do.	Matthew Brown, D. D.	1802
25	Washington,	Washington, do.	David McConaughy, D.D.	1806
26	Allegheny,†	Meadville, do.	H. J. Clark, A. M.	1815
27	Pennsylvania,	Gettysburg, do.	C. P. Crauth, D. D.	1832
28	Lafayette,	Easton, do.	Geo. W. Yeomans, D. D.	1832
29	Marshall,	Mercersburg, do.		1836
30	West. University of Penn.	Pittsburg, do.	Robert Bruce, D. D.	1819
31	Newark,	Newark, Del.	E. W. Gilbert, D. D.	1833
32	St. John's,	Annapolis, Md.	Hector Humphreys, D. D.	1784
33	St. Mary's,§	Baltimore, do.	Gilbert Raymond, D. D.	1719
34	Mount St. Mary's,§	Emmetsburg, do.	John McCaffrey, A. M.	1830
35	Georgetown,§	Georgetown, D. C.	James Ryder, S. J.	1759
36	Columbian,*	Washington, do.	Stephen Chapin, D. D.	1821
37	William and Mary,†	Williamsburg, Va.	Thomas R. Dew, A. M.	1693
38	Hampden-Sidney,	Prince Ed. Co. do.	William Maxwell, L.L. D.	1763
39	Washington,	Lexington, do.	Henry Rufner, D. D.	1812
40	University of Virginia,	Charlottesville, do.	C. Johnson, Rector.	1819
41	Randolph-Macon,†	Boydton, do.	L. C. Garland, A. M.	1832
42	Emory and Henry,†	Glade Spring, do.	Charles Collins, A. M.	1839
43	Rector,*	Harrison Co. do.	Charles Wheeler, A. M.	1839
44	University of N. Carolina,	Chapel Hill, N. C.	David L. Swain, L.L. D.	1789
45	Davidson,	Mecklenburg Co. do.	Samuel Williamson, D. D.	1838
46	Wake Forest,*	Wake Forest, do.	Samuel Wait, A. M.	1838
47	Charleston,	Charleston, S. C.	William T. Brantly, D. D.	1795
48	South Carolina,	Columbia, do.	R. Henry, D. D.	1804
49	Franklin,	Athens, Ga.	Alonzo Church, D. D.	1785
50	Oglethorpe,	Midway, do.	Samuel K. Talmage,	1836
51	Emory,†	Oxford, do.	Aug. B. Longstreet, L.L.D.	1837
52	Mercer University,*	Penfield, do.	Otis Smith,	
53	Christ Coll. and Ep. Inst.†	Montpelier, do.	Charles Fay,	1839
54	University of Alabama,	Tuscaloosa, Ala.	Basil Manly, D. D.	1828
55	La Grange,†	La Grange, do.	Robert Paine, A. M.	1831
56	Spring Hill,§	Spring Hill, do.	John Bazin,	1830
57	Centenary,†	Brandon Sp'gs. Miss.	J. C. Thornton,	1841
58	Oakland,	Oakland, do.	Jere. Chamberlain, D. D.	1831
59	Louisiana,	Jackson, La.	Wm. B. Lacy, D. D.	1825
60	Jefferson,	Bringiers, do.		1831
61	St. Charles,§	Grand Coteau, do.	Th. Soller, S. J.	
62	Baton Rouge,	Baton Rouge, do.	R. H. Ranny,	1836
63	Franklin,	Opelousas, do.	Othon Boudet,	1839
64	Greenville,	Greenville, Tenn.	James McLin,	1794
65	Washington,	Washington Co. do.		1794
66	University of Nashville,	Nashville do.	Philip Lindsley, D. D.	1806

## UNITED STATES.

	Instruct- ers.	No. of Alumni.	No. of Minis- ters.	Stu- dents.	Volumes in Libraries.	Commencement.
1	8	749	121	182	24,860	First Wednesday in Sept.
2	7	210	70	70	7,000	Second Wednesday in August.
3	15	2,228	545	331	16,500	Last Thursday in July.
4	6	257		109	9,200	First Wednesday in August.
5	6	771	245	56	7,054	Third Wednesday in August.
6	7			40		Third Thursday in August.
7	30	5,804	1,561	266	53,000	Fourth Wednesday in August.
8	8	967	331	144	7,500	Third Wednesday in August.
9	12	662	137	142	15,000	Fourth Thursday in July.
10	9	1,496	474	167	17,200	First Wednesday in September.
11	32	5,189	1,550	376	33,000	Third Thursday in August.
12	8	246	80	72	7,900	First Thursday in August.
13	10	143	49	133	11,000	First Wednesday in August.
14	11	1,170		112	14,000	Day after first Monday in October.
15	11	2,125	308	213	13,000	Fourth Wednesday in July.
16	7	487	69	115	7,000	Fourth Wednesday in August.
17	10	140		74	4,600	Third Wednesday in August.
18	8			66	5,403	First Wednesday in August.
19	12	167		150		Third Wednesday in July.
20	13	2,554	483	190	12,500	Last Wednesday in September.
21	11	391	77	21	12,000	Fourth Wednesday in July.
22	14	933		111	5,000	The 15th, 16th, or 17th of July.
23	8	561	141	104	11,200	Second Thursday in July.
24	7	693	227	164	4,500	Last Thursday in September.
25	6	243		76	3,300	Last Wednesday in September.
26	5	16		100	8,000	
27	4	59		76	2,270	
28	9	28		154	1,350	Second Wednesday in September.
29	4	5		49		Last Wednesday in August.
30	5	11		64		Early in July.
31	5	5	2	100	3,500	Fourth Wednesday in September.
32	5	124	6	27	4,000	The twenty-second of February.
33	16	187		140	12,000	Third Tuesday in July.
34	12	41		130	3,500	Last week in June.
35	15	90		140	22,000	Near the last of July.
36	10	104		25	4,200	First Wednesday in October.
37	4			96	5,000	July fourth.
38	5	8		65	5,000	Fourth Wednesday in September.
39	6	126		136	2,700	Last Thursday in June.
40	9	1,236		170	16,000	July fourth.
41	8	77		73		Second Wednesday in June.
42	4			143	1,000	Last Wednesday in June.
43				50		
44	9	746	70	174	10,000	First Thursday in June.
45	3	31		44	1,150	Last Thursday in June.
46	3	11	6	24	4,700	Third Thursday in June.
47		67		50	3,000	Fourth Tuesday in February.
48	8		3	134	13,000	First Monday in December.
49	9	433		116	11,000	First Wednesday in August.
50	6	25	1	65	2,000	Wednesday after 2d Monday in Nov.
51	5	11		70		
52						
53	4			35		
54	8	74	2	80	6,000	Wednesday after 2d Monday in Dec.
55	4	50		101	2,000	Early in June.
56	3			70	4,000	
57	6			170		
58	6			160		
59	9	18		109	1,850	First Wednesday in June.
60	14		2	122	5,500	Thursday after 1st Monday in Dec.
61	9			65		
62	4			45	300	December.
63	4			70		First of November.
64	2	110		41	3,000	Third Wednesday in September.
65	1	110		43	1,000	
66	7	286		104	9,200	First Wednesday in October.



## COLLEGES IN THE

	Name.	Place.	Presidents.	Found- ed.
67	East Tennessee,	Knoxville, Tenn.	Joseph Estabrook, A. M.	1807
68	Jackson,	Near Columbia, do.	J. M. Lancaster,	1830
69	Transylvania,	Lexington, Ken.	H. B. Bascom, D. D.	1798
70	St. Joseph's,§	Bardstown, do.	J. M. Lancaster, D. D.	1819
71	Centre,	Danville, do.	John C. Young, D. D.	1822
72	Augusta,†	Augusta, do.	J. Tomlinson, D. D.	1825
73	Cumberland,	Princeton, do.	F. R. Cossit, D. D.	1825
74	Georgetown,*	Georgetown, do.	Howard Malcom, D. D.	1836
75	Bacon,	Harrodsburg, do.	E. S. Burnet,	1836
76	St. Mary's,§	Marion Co. do.	W. S. Murphy, S. J.	1837
77	University of Ohio,	Athens, Ohio,	Wm. H. McGuffey, LL. D.	1821
78	Miami University,	Oxford, do.	George Junkin, D. D.	1809
79	Franklin,	New Athens, do.	William Burnett,	1825
80	Western Reserve,	Hudson, do.	George E. Pierce, D. D.	1826
81	Kenyon,†	Gambier, do.	D. B. Douglass, LL. D.	1826
82	Granville,*	Granville, do.	Jonathan Goings, D. D.	1832
83	Marietta,	Marietta, do.	Joel H. Linsley, D. D.	1832
84	Oberlin Institute,	Oberlin, do.	Asa Mahan, A. M.	1834
85	Cincinnati,	Cincinnati, do.	Thomas J. Biggs, A. M.	1819
86	St. Xavier,	Cincinnati, do.	J. A. Elet, S. J.	1840
87	Woodward,	Cincinnati, do.	B. P. W. Aydelotte, D. D.	
88	Indiana State University,	Bloomington, Ind.	Andrew Wylie, D. D.	1827
89	South Hanover,	South Hanover, do.	E. D. McMasters, D. D.	1829
90	Wabash,	Crawfordsville, do.	Charles White, D. D.	1833
91	Ind. Asbury University,†	Greencastle, do.	Math. H. Simpson, D. D.	1839
92	Illinois,	Jacksonville, Ill.	Edward Beecher, D. D.	1829
93	Shurtleff,*	Upper Alton, do.	Adiel Sherwood,	1835
94	McKendree,†	Lebanon, do.	John W. Merrill, A. M.	1834
95	McDonough,	Macomb, do.		1837
96	University of St. Louis,§	St. Louis, Mo.	J. Van de Velde,	1832
97	Kemper College,†	St. Louis, do.	E. C. Hutchinson, A. M.	1840
98	St. Mary's,§	Barrens, do.	Hector Figari, C. M.	1830
99	Marion,	Marion Co. do.	Hiram P. Goodrich, D. D.	1811
100	Missouri University,	Columbia, do.	John H. Lathrop, A. M.	1840
101	St. Charles,†	St. Charles, do.	J. H. Fielding, A. M.	1839
102	Fayette,	Fayette, do.	Archibald Patterson,	
103	Michigan University,	Ann Arbor, Mich.		1837
104	Marshall,	Marshall, do.	John P. Cleaveland, A. M.	
105	St. Philip's,§	Near Detroit, do.	Mr. Bowens,	1839

## Remarks.

The Colleges marked (\*) are under the direction of the *Baptists*; thus (†) *Episcopalians*; thus (‡) *Methodists*; thus (§) *Catholics*.

With respect to the Colleges which are *unmarked*, the prevailing religious influence of those that are in the New England States, is *Congregationalism*; of the most of the others, *Presbyterianism*. Norwich University, Vt., is an institution recently established by the *Universalists*.

By *students* in the above table, with an exception of a few of the Colleges in the Southern and Western States, is meant *undergraduates*, or members of the four collegiate classes; not including such as are pursuing professional education, or such as are members of a preparatory department.

Some of the Colleges above enumerated, are not in full operation; and scarcely deserve a place in the Table. Several other Colleges have been incorporated, which are not yet fully organized. According to the Census of 1840, there are in the United States 173 universities or colleges, containing 16,233 students. There are 3,242 academies and grammar schools, containing 164,159 students. It is evident, that the difference between a college and an academy is not very clearly defined, except that the former has the exclusive right of granting degrees.

The column of *Libraries* includes the number of volumes in the *College Libraries* and in the *Students' Libraries*. In some instances, the number of volumes in the students' libraries exceeds that of the college library.

## UNITED STATES. (Continued.)

	Instruct- ers.	No. of Alumni.	No. of Minis- ters.	Stu- dents.	Volumes in Libraries.	Commencement.
67	5	40		56	3,307	First Wednesday in August.
68	5	3	50	100	1,250	
69	7	610	3	215	4,500	Third Wednesday in July.
70	14	150		69	7,000	First August.
71	5	143		185	4,000	Thursday after 3d Wednesday in Sept
72	6	60		75	2,500	Thursday after 1st Wednesday in Aug
73	4	82		49	1,050	First Wednesday in December.
74	4	14	7	92	2,100	Last Thursday in June.
75	8			203	1,200	Last Friday in September.
76	8	21		125	5,000	Last week in July.
77	8	149	80	166	2,500	First Wednesday in August.
78	6	309	7	105	4,352	Second Thursday in August.
79	7	84		51	1,900	Last Wednesday in September.
80	10	82	23	57	6,247	Second Wednesday in August.
81	8	115	22	57	8,750	First Wednesday in August.
82	5			12	3,000	Second Wednesday in August.
83	8	21		50	3,500	Last Wednesday in July.
84	10	8		70		
85	8			84		Last Monday in June.
86	4			50		
87	6		1	20	800	
88	5	59	4	59	1,765	Last Wednesday in September.
89	5			120		
90	5	12		23	2,000	Second Wednesday in July.
91	3			70		
92	5	43	4	54	2,000	Last Wednesday in June.
93	6	3	2	43	1,000	Fourth Thursday in July.
94	4			47		Second Wednesday in October.
95						
96	13	10		146	7,900	Third Tuesday in August.
97	6	8	3	19	6,400	Last Thursday in July.
98	5				2,500	Last Thursday in August.
99	5	13		45		Last Thursday in September.
100						(Not yet in operation.)
101	5			85		Last week in August.
102	2			75		
103	3			(174	in five branches.)	
104	2	7		62	3,700	
105	4			30	3,000	First Monday in October.

## COLLEGE EXPENSES.

*Annual Expenses of several of the Colleges in the United States.*

Name.	Instruction.	Room-rent and other Col. Exp.	Total College Charges.	Board.	Wood, Lights, & Washing.
Bowdoin,	\$24.00	\$22.00	\$46.00	39 weeks, \$58.50	\$35.00†
Dartmouth,	27.00	13.24	40.24	38 do. 57.00	9.00
Univ. Vt.	25.50	10.50	36.00	40 do. 60.00	
Middlebury,	20.00	15.00	35.00	43 do. 65.00	
Harvard,	75.00	18.00	93.00	40 do. 70 to 90.00	
Williams,	30.00	9.00	39.00	39 do. 65.00	
Amherst,	38.00	15.00	48.00	40 do. 60.00	17.00
Brown,			63.00	39 do. 60.00	
Yale,	33.00	21.00	54.00	40 do. 60 to 90.00	20.00
Washington,	33.00	19.50	52.50	39 do. 80.00	
Wesleyan,	36.00	11.25	47.25	40 do. 55.00	20.00
Union,			53.00	38 do. 55.00	14.50
Hamilton,	26.00	15.50	41.50	38 or 39 do. 63.00	
Geneva,	20.00	25.00	45.00	40 do. 80.00	
New Jersey,	40.00	20.00	60.00	41 do. 82.00	25.00
Rutgers,	40.00			38 do. 80.00	
Dickinson,	33.00	14.00	47.00	43 do. 75.25	22.75
Univ. Virginia,	75.00	23.00	98.00	44 do. *110.00	20.00
Randolph Macon,	40.00	15.00	45.00	41 do. 77.00	30.00
William & Mary,	70.00		75.00	38 do. 110.00	20.00
Washington, Va.	30.00	12.00	42.00	43 do. 80.00	22.00
N. Carolina Univ.	50.00	11.00	61.00	40 do. 90.00	20.00
La Grange, Ala.	50.00		50.00	41 do. *90.00	10.00
Transylvania,	40.00	12.00	52.00	40 do. 100.00	25.00
Kenyon,	30.00	14.00	44.00	40 do. 60.00	17.00
Western Reserve	30.00	11.00	41.00	42 do. 50.00	12.00

\*Washing included with board.

†Use of books and furniture included.

The information exhibited in the preceding table has been derived from the official statements contained in the Annual Catalogues of the several Colleges, mostly for the College years of 1841-2 and 1842-3. The sums are to be regarded as the average necessary expenses for the several objects. The *college charges*, included in the first three columns, are subject to comparatively little variation; but the other expenses are much more liable to change. With respect to several of the colleges, the expenses for washing, wood, and lights, are not mentioned. Other necessary expenses, not specified in the table, are such as relate to text-books, furniture of rooms, clothing, journeying, and pocket-money, all of which vary according to circumstances, and the habits of individuals.

#### VACATIONS IN COLLEGES.

Bowdoin.	1. Com., 3 weeks;—2. Friday after 3d Wed. Dec. 8 weeks;—3. Friday after 3d Wed. May, 2 weeks.
Waterville.	1. Com., 4 weeks;—2. 2d Wed. Dec. 8 weeks;—3. 1st Wed. May, 1 week.
Dartmouth.	1. Com., 4 weeks;—2. from near the 20th Nov. to near the 10th of Jan. 7 weeks;—3. Thursday preceding the last Wednesday, May, 2 1-2 weeks.
Vermont Univ.	1. Com., 4 weeks;—2. 1st Wed. Dec. 8 weeks;—3. 2d Wed. May, 1 week.
Middlebury.	1. Com., 4 weeks;—2. last Wed. Nov. 1 week;—3. 2d Wed. Feb. 2 weeks;—4th. 3d Wed. May, 2 weeks.
Harvard.	1. (Two terms of 20 weeks each) from the end of the first term, 6 weeks;—2. from the end of the 2d term to Friday after Commencement, (4th Wed. Aug.) 6 weeks.
Williams.	1. Com., 4 weeks;—2. 3d Wed. Dec. 6 weeks;—3. 1st Wed. May, 3 weeks.
Amherst.	1. Com., 4 weeks;—2. from the Wednesday preceding the annual State Thanksgiving, 6 weeks;—3. 3d Wed. in April, 2 weeks.
Brown.	1. Dec. 15, 3 weeks;—2. April 6, 4 weeks;—3. July 27, till Commencement.
Yale.	1. Com., 6 weeks;—2. 1st Wed. Jan. 2 weeks;—3. last Wed. April, 4 weeks.
Washington.	1. Com., 7 weeks;—2. Thursday before Christmas, 2 weeks;—3. Thursday before 12th April, 4 weeks.
Wesleyan Univ.	1. Wed. before Christmas, 8 weeks;—2. preceding Com., 4 weeks.
Columbia.	1. From August 1, to the 1st Monday in October.
Union.	1. Com., 6 weeks;—2. in Dec. 4 weeks;—3. in April, 4 weeks.
Hamilton.	1. Com., 7 weeks;—2. Dec. 4 weeks from Wed. before Christmas;—3. 3d Wed. April, 4 weeks.
Geneva.	1. Com., 6 weeks;—2. from the Wednesday preceding Christmas, 3 weeks;—3. from the next Wednesday to the middle of April, 3 weeks.
University of N.Y.	1. Com., till 3d Wed. Sept.;—2. 2 weeks Sat. before Christmas;—3. 3 weeks 2d Mon. April.
College of N. J.	1. Com., 6 weeks;—2. 1st Thursday after 2d Tues. April, 5 weeks.
Rutgers.	1. Com., to Sept. 15;—2. Dec. 21 to Jan. 7;—April 7 to May 1.
Penn. University.	1. Com., 6 weeks;—2. Dec. 2 weeks;—3. April, 2 weeks.
Dickinson.	1. Com. to the 15th Sept.;—a few days at Christmas, and near the 1st of April.
Jefferson.	1. Month of October;—2. Month of April.
Washington.	1. Month of October;—2. Month of May.
W. Univ. of Penn.	1. Christmas, 1 week;—2. Months of July and August.
St. Johns.	1. Good Friday, 10 days;—2. last Wed. in July to the 1st Monday in Sept.;—3. Dec. 23d to 1st Monday in Jan.
St. Mary's.	1. Com. to the 1st Monday in Sept.
Mt. St. Mary's.	1. July 1 to August 16.
Georgetown.	1. Aug. 1 to Sept. 15.
Columbian.	1. Com. to 1st Wed. Nov.;—2. 1st Wed. May to 1st Wed. July.
William & Mary.	1. Com. (July 4) to 2d Monday in October.
Hamp Sidney.	1. From 4th Wed. Sept. to 1st Nov.;—2. 4th Thurs. April to 1st June.
Washington.	1. Last Thurs. in June to 1st Sept.—A recess of 9 days at Christmas.
Univ. Virginia.	1. July 4 to October 1st.

- Univ. N. Carol. 1. Com., 6 weeks; — 2. 4th Friday in Nov. 6 weeks.  
 Coll. S. Carolina. 1. July 1 to the 1st Monday in October.  
 Oglethorpe. 1. Com. to 1st Monday in Jan.; — 2. 2d Wed. of May, 4 weeks.  
 U. of Alabama. 1. 4th Friday in July to 1st Monday in Oct.; — 2. 1st Monday of April, 3 weeks.  
 La Grange, Ala. 1. 2 terms, of 20 weeks from 1st Mon. in July, and 21 weeks from 2d Mon. in January. Remainder of the year, vacation.  
 Mississippi. 1. Com., 3 months, viz. July, August, and September.  
 Louisiana. 1. Com., 4 weeks; 2. Dec. 20 to Jan. 10.  
 Nashville. 1. Com. 5 1-2 weeks; — 2. 1st Wed. April, 5 1-2 weeks.  
 E. Tennessee. 1. Com. to 22d October, 12 weeks.  
 Transylvania. 1. Com. to 1st Monday in November.  
 Centre. 1. Com. to Thursday after 3d Wed. Oct.; — 2. after a session of 21 weeks, 4 weeks.  
 Augusta. 1. Com., 6 weeks; — 2. in Feb. 21 weeks from 1st vacation, 4 weeks.  
 Cumberland. 1. Com. to the 1st of February.  
 Georgetown. 1. Com. to 3d Monday Oct.; — 2. 1st Monday in March, 6 weeks.  
 Miami. 1. Com. to 1st Monday Oct.; — 2. 10 or 12 days at Christmas; — 3. 2d Thursday March, 3 weeks.  
 West'n Reserve. 1. Com., 6 weeks; — 2. 4th Wed. Dec. 2 weeks; — 3. 3d Wed. April, 4 weeks.  
 Kenyon. 1. Last Thurs. in July till 1st Mon. in Oct.  
 Cincinnati. 1. Com. to 1st Monday in Sept. — Only one vacation.  
 Marietta. 1. Com., 10 weeks; — 2. ending 2d Wed. March, 2 weeks.  
 Indiana. 1. Month of May; — 2. Month of October.  
 Illinois. 1. Com., 12 weeks.  
 Shurtleff. 1. Com., 7 weeks; — 2. Christmas, 1 week; — 3. end of 2d term, 2 weeks.

EXPLANATION. Vacations of Bowdoin College; 1st, from Commencement, 3 weeks; — 2d, from the Friday after the 3d Wednesday in December, 8 weeks; — 3d, from the Friday after the 3d Wednesday in May, 2 weeks.

### XIX. MEDICAL SCHOOLS.

Name.	Place.	Found.	Prof.	Stu.	Graduates.	Lect's commence.
Maine Medical School,	Brunswick,	1820	4	60	461	February 1 <sup>st</sup> .
N. H. Medical School,	Hanover,	1797	6	80	577	1st or 2d Th. Aug.
Vt. Academy of Medicine,	Castleton,	1818	6	100	524	2d Thurs. in March
Vt. Medical School.	Woodstock,	1835	6	98	187	2d Thurs. in March.
Med. School Harv. Univ.	Cambridge,	1782	6	118	57	1st Wed. in Nov.
Berkshire Med. School,	Pittsfield,	1823	5	103	473	1st Thurs. in Sept.
Med. Institut. Yale Coll.	New Haven,	1810	6	52	799	6 w. aft. 3d Th. Aug.
Coll. Phys. & Surg. N. Y.	New York,	1807	6	120	719	1st Monday in Nov.
Med. Institut. Geneva Coll.	Geneva,	1835	7	175	53	1st Tues. in Oct.
Med. Faculty Univ. N. Y.	New York,	1837	6	268		Last Mon. in Oct.
Albany Medical College,	Albany,	1839	8	92	13	1st Tues. in Oct.
Med. Dep. Univ. Penn.	Philadelphia,	1765	7	363	3,320*	1st Mon. in Nov.
Jefferson Med. College.	Do.	1824	7	209	764	1st Mon. in Nov.
Med. Dep. Penna. Coll.	Do.	1839	6	60		1st Mon. in Nov.
Med. School Univ. Md.	Baltimore,	1807	6	65	909	October 31st.
Washington Med. Coll.	Do.	1827	6	60		1st Mon. in Nov.
Med. School Colum. Coll.	Washington,	1825	6	40	81	1st Mon. in Nov.
Med. School Univ. Va.	Charlottesville,	1825	3	45		1st Mon. in Oct.
Richmond Med. College.	Richmond,	1838	6	75	14	1st Mon. in Nov.
Med. Coll. State of S. C.	Charleston,	1833	8	159		2d Mon. in Nov.
Med. College of Georgia,	Augusta,	1830	7	115	124	2d Mon. in Nov.
Med. Coll. of Louisiana,	New Orleans,	1835	7	30		3d Mon. in Nov.
Med. Dep. Transyl. Univ.	Lexington,	1818	7	204	1,351	1st Mon. in Nov.
Louisville Med. Instit.	Louisville,	1837	6	262	53	1st Mon. in Nov.
Medical College of Ohio,	Cincinnati,	1819	8	130	331	1st Mon. in Nov.
Med. Dep. of Kemp. Col.	St. Louis, Mo.	1841	9	75	19	Last week in Oct.
Med. Col. St. Louis Univ.	Do.	1836	6	30		1st Mon. in Nov.
Willoughby Med. Coll.	Willoughby,	1834	5		57	Last Mon. in Oct.

\* From 1791 to 1838, inclusive.

## XX. THEOLOGICAL SCHOOLS.

Name.	Place.	Denomina- tion.	Com- opera- tion.	No. Prof. Stud. in 1842-43.	No. edu- cated.	Vols. in Lib.
Bangor Theol. Seminary,	Bangor, Me.	Cong.	1816	3 43	139	7,000
Thomaston Theol. Inst.	Thomaston, do.	Baptist,	1837	2 21		500
Gilmanston Theol. Sem.	Gilmanston, N. H.	Cong.	1835	3 26	21	2,200
Theological Seminary,	Andover, Mass.	Cong.	1808	5 129	887	17,500
Divinity School, Harv. Univ.	Cambridge, do.	Cong. Unit.	1816	2 22	194	1,800
Theological Institution,	Newton, do.	Baptist,	1825	3 33	137	4,000
Theol. Dep. Yale College,	N. Haven, Ct.	Cong.	1822	4 76	381	200
Theol. Inst. of Connecticut,	E. Windsor, do.	Cong.	1834	3 29	37	4,000
Theol. Inst. Epis. Church,	N. York, N. Y.	Prot. Epis.	1817	5 74	186	7,200
Union Theol. Seminary,	do.	do. Presbyt.	1836	6 104	8	12,000
Theol. Sem. of Auburn,	Auburn, do.	Presbyt.	1821	4 71	34	5,000
Hamilton Lit. and Th. Inst.	Hamilton, do.	Baptist,	1820	4 37	124	2,250
Hartwick Seminary,	Hartwick, do.	Lutheran,	1816	2 3		1,000
Theol. Sem. As. Ref. Ch.	Newburgh, do.	Ass. Ref. Ch.	1836	3 11		4,000
Th. Sem. Dutch Ref. Ch.	N. Br'wick, N. J.	Dutch Ref.	1784	3 36	179	
Theol. Sem. Pr. Ch. U. S.	Princeton, do.	Presbyt.	1812	4 109	753	7,000
Sem. Luth. Ch. U. States,	Gettysburg, Pa.	Ev'ng. L.	1826	3 26	134	7,000
German Reformed,	York, do.	G. Ref. Ch.	1825	2 20		
West. Theol. Seminary,	Allegheny T. do.	Presbyt.	1828	2 20	182	6,000
Theological School,	Canonsburg, do.	Asso. Ch.		2 22	47	1,600
Theological Seminary,	Pittsburg, do.	Asso. Ref.	1828	1 19		
Epis. Theol. School of Va.	Fairfax Co. Va.	Prot. Epis.	1822	4 46	182	4,000
Union Theol. Seminary,	Pr. Ed. Co. do.	Presbyt.	1824	3 20	175	4,000
Virginia Baptist Seminary,	Richmond, do.	Baptist,	1832	3 67		1,000
Southern Theol. Seminary,	Columbia, S. C.	Presbyt.	1831	2 16	82	4,000
Theological Seminary,	Lexington, do.	Lutheran,	1835	2 10	20	1,800
Furman Theol. Seminary,	High Hills, do.	Baptist,		2 30	30	1,000
Lit. and Theol. Seminary,	Eaton, Ga.	Baptist,	1834		10	
South West Theol. Sem.	Maryville, Ten.	Presbyt.	1821	2 24	90	6,000
Lane Seminary,	Cincinnati, Ohio.	Do.	1829	3 66	43	10,300
Theol. Dep. Ken. College,	Gambier, do.	Prot. Epis.	1828	5 4		
Theol. Dep. Wes. Res. Col.	Hudson, do.	Presbyt.		3 20		
Granville Theol. Dep.	Granville, do.	Baptist,	1832	2 8		500
Oberlin Theol. Dep.	Oberlin, do.	Presbyt.	1834	4 58		
Indiana Theol. Seminary,	S. Hanover, In.	Presbyt.		2 10		
Alton Theol. Seminary,	Upper Alton, Il.	Baptist,	1835			
Carlinville Theol. Sem.	Carlinville, do.	Presbyt.	1838			700
Theol. Dep. Marion Col.	N. Palmyra, Mo.	Presbyt.		1		

## XXI. LAW SCHOOLS.

Place.	Name.	Prof.	Students.
Cambridge, Mass.	Harvard University,	2	107
New Haven, Conn.	Yale College,	2	30
New York City,	Law Department, N. Y. Univ.	3	
Carlisle, Pa.	Dickinson College,	1	10
Williamsburg, Va.	William and Mary College,	1	32
Charlottesville, Va.	University of Virginia,	1	72
Lexington, Ky.	Transylvania University,	3	75
Cincinnati, Ohio,	Cincinnati College,	3	25

Schools for the study of law are much less frequented than schools for the study of the other professions. The first institution of this nature, of much note, that was established in the United States, was the Law School at Litchfield, in Connecticut, which had from 1798 to 1827, 730 students; but it is now discontinued.

## XXII. RELIGIOUS DENOMINATIONS.

## 1. PROTESTANT EPISCOPAL CHURCH.

[From the "Churchman's Almanac."]

Dioceses.	Bishops.	Cons.	Clergy.	Place and time of meeting of Conventions, 1843.
Maine,			7	2d Wed. in July, Augusta.
N. Hampshire,			9	last Wed in June, Dover.
Massachusetts,	Manton Eastburn,	1842	52	2d Wed. in June, Boston.
Rhode Island,	J. P. K. Henshaw, D. D.	1843	21	2d Tu. in June, Providence.
Vermont,	John H. Hopkins, D. D.	1832	26	3d Wed in Sept.
Connecticut,	Th. C. Brownell, D. D.	819	93	2d Tues. in June.
New York,	B. T. Onderdonk, D. D.	1830	202	last Wed. in Sept.
Western N. Y.,	W. H. DeLancey, D. D.	1839	101	3d Wed. in Aug.
New Jersey,	George W. Doane, D. D.	1832	45	last Wed. in May, Burl'gton.
Pennsylvania,	H. U. Onderdonk, D. D.	1827	102	1st Sat. in May, Philadelphia
Delaware,	Alfred Lee, D. D.	1841	10	1st Sund. in May.
Maryland,	W. R. Whit'gham, D. D.	1840	87	last Wed. in May, Baltimore.
Virginia,	Wm. Meade, D. D.	1829	100	1st Sund. in May.
N. Carolina,	Levi S. Ives, D. D.	1831	29	4th Wed. in May, Edenton.
S. Carolina,	Chr. E. Gadsden, D. D.	1840	47	2d Wed. in Feb. Charleston.
Georgia,	Stephen Elliott, D. D.	1841	10	1st Th. in May, Savannah.
Ohio,	C. P. Mc. Ilvaine, D. D.	1832	61	1st Wed in Sept., Gambier.
Kentucky,	Benj. B. Smith, D. D.	1832	19	2d Thurs in May.
Tennessee,			10	2d Tues. in May.
Mississippi,	{ James H. Otey, D. D.	1834 }	8	1st Wed. in May.
Arkansas,			3	
Louisiana,	{ Leonidas Polk, D. D.	1838 }	7	3d Wed. in Jan., St. Francis-
Alabama,			10	1st Sat. in Feb., Mobile.
Michigan,	S. A. McCoskry, D. D.	1836	19	4th Thurs in May.
Illinois,	Philander Chase, D. D.	1819	14	1st Mon. in June, Quincy.
Florida,			6	3d Wed. in Jan.
W. Ind. { Indiana,			15	4th Thurs. in May.
D. { Wiscon.			9	
N. { Iowa,	{ Jackson Kemper, D. D.	1835 }	3	
Missouri,			10	
			1,135	

## 2. ROMAN CATHOLIC CHURCH.

Dioceses.	Comprising	Bishops.	Min.
Boston,	New England,	Benedict Fenwick, D. D.	34
New York,	{ New York and part of New Jersey,	{ John Dubois, D. D.	71
Philadelphia,	{ Penn. and part of New Jersey and Delaware,	{ John Hughes, D. D. <i>Coadj.</i>	60
Baltimore,	Maryland and Dist. Columbia,	F. P. Kenrick, D. D., <i>Coadj.</i>	69
Richmond,	Virginia,	Samuel Eccleston, D. D., <i>Abp.</i>	7
Charleston,	N. C., S. C., and Georgia,	V. Whelan, D. D.	19
Mobile,	Alabama and Florida,	Richard S. Baker, <i>Admin.</i>	18
New Orleans,	Louisiana,	Michael Portier, D. D.	52
Natchez,	Mississippi,	Anthony Blanc, D. D.	4
Louisville,	Kentucky,	John J. Chanche, D. D.	50
Nashville,	Tennessee,	{ Benedict J. Flaget, D. D.	7
Cincinnati,	Ohio,	{ G. J. Chabrat, D. D., <i>Coadj.</i>	47
Vincennes,	Indiana and part of Illinois,	Richard P. Miles, D. D.	34
St. Louis,	Missouri, Arkansas, &c.	John B. Purcell, D. D.	77
Detroit,	Michigan and Wisconsin Ter.	C. de la Hailandière, D. D.	19
Dubuque,	Iowa Territory,	{ Joseph Rosati, D. D.	11
		{ Peter R. Konrick, D. D.	579
		{ Frederick Rézé, D. D.	
		{ Peter P. Lefevre, D. D. <i>Coadj.</i>	
		Matthias Loras, D. D.	

**Catholics.**—The first Catholic Bishop in the United States, (John Carroll, D. D., of Baltimore,) was consecrated in 1790. The Catholics increase rapidly, mostly by emigration from Europe. They have now 16 dioceses, 1 archbishop, 15 bishops, 4 coadjutors: and, according to the "Catholic Almanac" for 1843, 575 churches and chapels, 477 stations, 579 clergymen, 22 ecclesiastical seminaries, 18 literary institutions for young men, 32 female religious institutions, 43 female academies, 60 charitable institutions, and 13 periodical publications "devoted to the cause of Catholicity."

Catholic *Ecclesiastical Seminaries* with the number of students, as stated in the "Catholic Almanac":—Philadelphia, (33); Baltimore, (20); Emmitsburg, (25); Frederick, (20); Charleston, (9); Parish of Assumption, La., (10); Vincennes, (17); St. Louis, Missouri, (6); Rose Hill, N. Y., (31); Richmond, Va., (13).

### 3. METHODIST EPISCOPAL CHURCH.

**Bishops.**—Joshua Soule, Elijah Hedding, James O. Andrew, Beverly Waugh, and Thomas A. Morris.

The following is a general recapitulation of the extent of the Church in 1842, as embraced within the various conferences:—

Conferences.	Whites.	Col'd.	Total.	Conferences.	Whites.	Col'd.	Total.
Troy,	26,102	84	26,186	Indiana,	62,697	245	62,942
Providence,	13,308	93	13,401	N. Carolina,	17,698	5,163	22,861
N. Hampshire,	20,281		20,281	Memphis,	21,076	3,535	25,171
New England,	15,779	139	15,918	Virginia,	25,870	3,777	29,659
Pittsburgh,	43,079	532	43,611	Arkansas,	6,657	1,691	10,022
Maine,	24,738		24,738	Mississippi,	12,394	6,048	18,552
Black River,	16,616	36	16,652	Texas,	3,202	536	3,738
Erie,	22,777	61	22,838	Alabama,	25,495	9,373	34,868
Oncida,	26,009	77	26,139	Georgia,	37,354	14,056	51,410
Michigan,	13,741	5	13,928	S. Carolina,	30,795	33,777	64,170
Rock River,	11,250	20	11,435	Baltimore,	55,773	17,995	73,768
Genessee,	30,641	60	30,701	Philadelphia,	45,866	10,712	56,578
North Ohio,	27,889	128	28,218	New Jersey,	32,762	769	33,531
Kentucky,	37,685	8,544	46,229	New York,	50,291	440	50,661
Illinois,	30,266	54	30,320	Liberia Miss'n,		836	836
Ohio,	66,493	611	67,104	Total in 1842,	936,736	128,410	1,068,525
Missouri,	18,356	1,874	20,230	Total in 1841,	803,968	107,296	913,901
Holston,	35,466	3,805	39,271	Increase,	132,768	21,114	151,624
Tennessee,	27,840	4,336	32,176				

In 1842, the number of travelling preachers was 4,244; of local preachers, 7,621; total, 11,865.

### 4. LUTHERAN CHURCH.

It appears from the statistics given in the Lutheran Almanac, for 1843, that there are in the United States, 1 General Synod, 19 District Synods, 424 Ordained and Licensed Ministers, 1371 congregations, and 146,300 communicants.

During the year ending July, 1842, there has been an addition of 58 to the Ministry, of 9,022 to the membership by confirmation, of 17,766 adults and infants by baptism, and of 9,000 by immigration. Three new Synods have been formed, 88 congregations organized, and 76 churches erected.

## 5. BAPTISTS.

[From the Baptist Almanac for 1843.]

States.	Churches.	Ministers.	Baptized since last report.	Communicants.
Maine, . . . . .	266	218	757	20,832
New Hampshire, . . . . .	105	90	525	9,704
Vermont, . . . . .	138	103	360	11,063
Massachusetts, . . . . .	211	234	1,300	26,073
Rhode Island, . . . . .	36	32	313	5,516
Connecticut, . . . . .	99	104	1,033	11,788
New York, . . . . .	808	834	7,055	85,221
New Jersey, . . . . .	72	85	767	9,199
Pennsylvania, . . . . .	271	213	2,266	21,930
Delaware, . . . . .	10	4	1	343
Maryland, . . . . .	30	11	291	1,949
Virginia, . . . . .	497	240	2,474	61,015
North Carolina, . . . . .	556	329	1,945	30,444
South Carolina, . . . . .	383	229	1,808	35,937
Georgia, . . . . .	706	304	879	46,043
Alabama, . . . . .	535	254	1,077	25,932
Mississippi, . . . . .	258	150	1,454	12,654
*Louisiana, . . . . .	15	9		288
Arkansas, . . . . .	46	14	8	860
Tennessee, . . . . .	613	364	724	31,984
Kentucky, . . . . .	603	285	3,041	48,148
Ohio, . . . . .	546	331	2,641	24,121
Indiana, . . . . .	453	287	1,410	19,363
Illinois, . . . . .	359	261	391	11,841
Missouri, . . . . .	301	142	803	10,837
Michigan, . . . . .	182	114	765	8,734
Iowa, . . . . .	14	9		382
Wisconsin, . . . . .	34	23	91	1,032
British Provinces, . . . . .	236	125	332	37,744
	8,383	5,398	34,511	611,527

## 6. THE FREE-WILL BAPTIST CONNEXION.

As it appears from their Register for the year 1843, this Connexion embraces 95 Quarterly Meetings, 1,057 Churches, 714 ordained preachers, 184 licentiates, and 50,688 church members. During the past year there has been an increase of 8 Quarterly Meetings, 76 Churches, 67 ministers, 12 licentiates, and 3,371 church members.

7. PRESBYTERIANS, (*old school*.)

[From the Minutes of the General Assembly.]

There has been an increase of ministers in 1842, amounting to 118, making the whole number 1434; the number of licentiates reported is 183, being 9 less than the number reported last year; the number of candidates is 314, being 85 more than reported last year; the number of churches, 2,092, being an increase of 188.

There have been added to the Church during the year, upon a profession of faith, 16,354, and the whole actual increase to the church has been 18,519. There have been reported,

Baptisms of adults, . . . . .	4,337
“ of children, . . . . .	10,483

\* Seventeen churches, 16 ministers, and 786 members in this State are included in the Mississippi Association.



Money collected for religious purposes, . . .	\$147,867
Ordinations, . . . . .	51
Installations, . . . . .	72
New churches organized, . . . . .	37

## 8. CONGREGATIONALISTS.

[From the Christian Freeman.]

*Connecticut.* Churches, 252; pastors, 200; stated supplies, 24; vacant churches, 37; communicants, 35,600; licentiates and ministers without charge, 137.

*Vermont.* Churches, 203; pastors, 103; stated supplies, 42; vacant churches, 50 or 60.

*Rhode Island.* Churches, 16; pastors, 13; members, 2,599.

*Maine.* Churches, 200; pastors and stated supplies, 140; members, 18,000.

*Massachusetts, not complete.* From 19 out of 24 Associations, churches, 303; ministers, 255.

*New Hampshire.* No statistics.

Then leaving out New Hampshire and a small part of Massachusetts, there are in New England, congregations, 971; ministers and licentiates, 774.

## 9. UNIVERSALISTS.

The following statistics are published in the Universalist Register for 1843.

There are in the United States and Territories, 1 General Convention, 1 Historical Society, 13 State Conventions, 63 Associations, 918 Societies, 577 meeting-houses, and 476 preachers.

During the past year, the denomination has gained 1 State Convention, 3 Associations, 53 Societies, 46 meeting-houses, and 48 preachers.

In the State of New York, Universalists have 1 State Convention, 1 Literary Institution, 15 Associations, 230 Societies, 136 Meeting-houses, and 133 preachers; showing an increase during the past year of 12 Societies, 15 Meeting-houses, and 13 preachers.

## 10. SUMMARY OF THE PRINCIPAL RELIGIOUS DENOMINATIONS.

Denominations.	Churches.	Ministers.	Members or Communicants.
Protestant Episcopal, . .		1,135	*55,427
Roman Catholic, . . . .	575	579	
Methodist Episcopal, . .		11,865	1,068,525
Baptists, . . . . .	8,383	5,398	611,527
Free-Will Baptists, . . .	1,057	714	50,688
Presbyterians, (old school,) .	2,092	1,434	
Congregationalists,† . .	971	774	
Lutheran Church, . . . .	1,371	424	146,300
Universalists, . . . . .	918	476	

\* In 1841.

† Including only a part of New England.

## XXIII. COMMERCIAL STATISTICS OF THE CHIEF CITIES.

[Compiled from the official returns of the Census of 1840.]

NAME OF CITY.	COMMERCE.										FISHERIES.			
	Population in 1840.	No. of commercial houses in foreign trade.	No. of commission houses.	Capital invested.	Retail dry goods, grocery and other stores.	Capital invested.	Lumber yards and trade.	Capital invested.	No. of men employed.	Internal transportation—number of men employed.	Butchers, packers, &c.—number of men employed.	Capital invested.	No. of gallons of spermaceet oil.	No. of gallons of whale and other fish oil.
New York,	312,710	417	918	\$45,941,200	3,620	\$14,648,595	61	\$731,500	2,008	328	135	\$9,418,750		
Philadelphia,*	258,037	186	63	2,119,501	2,078	17,385,983	60	1,232,000	1,518	399	220	539,925		
Baltimore,†	134,379	70	108	4,404,500	1,310	6,795,038	20	267,500	1,073	83	193	17,700		
New Orleans,	102,193	8	375	16,490,000	1,881	11,018,225	32	67,500	111	3	5	5,000		
Boston,	83,383	142	89	11,676,000	572	4,184,220	31	371,010	1,290	143	700	4,071,830		
Cincinnati,	46,338	42	36	6,200,000	1,035	12,877,000	19	133,000	62	245				
Brooklyn,	36,233	1	4	109,500	154	353,000	4	40,000	23					
Albany,	33,721		47	650,000	976	975,000	23	391,000	115	1,195	173	152,000		
Charleston, S. C.,	29,261	27	34	3,563,750	582	3,575,100	10	75,000	64	57	37	110,000		
Washington,	23,364				106	926,040	6	57,000	16		52	56,000		
Providence,	23,171	23	55	1,592,850	392	1,758,040	18	170,500	61		63	56,050		
Louisville,	21,210	1	11	191,800	251	2,128,400	3	52,000	13		108	74,600		
Richmond,	20,153	17	29	3,062,000	256	1,646,450	3	24,000	6					
Troy,	19,334	44	13	2,274,621	270	944,963	18	206,000	50	1,159	70	1,080,300		
Buffalo,	18,213		23	94,000	231	736,335	6	14,500	6	1,083	22	9,000		
St. Louis,	10,460	1	24	717,000	214	3,875,050	17	287,529	42	40	77	141,500		
Portland,	15,218	40	8	658,500	256	574,450	2	4,000	1,165		12	10,000		
Salem,	15,082	45			80	430,000								
New Haven,	14,390	6	2	132,000	204	867,000	10	126,000	35	19	17	46,000		
Mobile,	12,672	21	83	3,129,612	245	1,861,695	1	500	2		43	44,370		
New Bedford,	12,067				174	482,350	6	34,800	7					
Charlestown, Mass.,	11,484	3	8	125,000	78	346,000	6	82,000	223	112	115	15,000		
Savannah,	11,214	2	50	943,500	191	855,190	8	49,000	67					
Norfolk,	10,920	8		202,000	35	1,590,500								
Detroit,	9,102		11	123,000	113	412,760	4	31,500	30					
Nantucket,	9,012				33	142,000								
Bangor,	8,627	7	4	98,500	134	318,500		10,000	260	6	6	6,300		
Newport,	8,359	5	2	126,700	104	346,515	3	21,800	9					
Portsmouth,	7,897	18	6	1,251,500	137	278,500	6	11,000	10		5			
Newburyport,	7,161	12	3	781,000	116	225,200	4	35,000	523		3	3,000		

\*Including Philadelphia County.  
†Including Baltimore County.

\*Including Philadelphia County.

†Including Baltimore County.

# XXIV. MANUFACTURING STATISTICS OF THE CITY OF LOWELL, MASS.

January 1, 1843. Population in 1840, 20,796.

Name of the Company.	When incorpo- rated.	Commen- ced op- erations.	Capital Stock.	Number of Mills.	Number of Spin- dles.	Number of Looms.	Females em- ployed.	Males employed.	Yards made per week.
Locks & Canals,	1792	1822	\$600,000	(a)				500	(h)
Merrimac,	1822	1823	2,000,000	5 (b)	38,304	1,300	1,250	550	250,000
Hamilton,	1825	1825	1,200,000	3 (b)	21,248	590	550	200	100,000
Appleton,	1828	1828	600,000	2	11,776	400	340	65	100,000
Lowell,	1828	1828	600,000	1 (c)	6,000 (e)	174 (f)	400	200	85,000 (i)
Middlesex,	1830	1830	600,000	2 (d)	6,120	37 (g)	500	250	9,000 (j)
Suffolk,	1830	1832	600,000	2	11,776	352	460	70	90,000
Tremont,	1830	1832	600,000	2	11,520	409	360	70	115,000
Lawrence,	1830	1833-4	1,500,000	5	32,640	950	900	170	193,000
Boott,	1835	1836	1,200,000	4	30,373	658	950	120	180,000
Massachusetts,	1839	1840	1,200,000	4	24,576	782	665	150	225,000
Total,			10,700,000	30	194,333	5,852	6,375	2,345	1,257,000

TABLE — CONTINUED.

Name of the Company.	Bales of Cotton used per week.	Pounds of Cotton wro't per week.	Yards dyed and printed.	Hard Coal, tons per annum.	Cords of wood per annum.	Gallons of oil per annum.	Diameter of water wheel.	Length of water wheel.	How warmed.
Locks & Canals,				(o) 200	200	2,300	13	14	Hot air.
Merrimac,	130	56,000	210,000	5,000	200	13,000	30	24	Steam.
Hamilton,	100	42,000	63,000	3,000	500	6,500	13	42	St. & h. air.
Appleton,	90	36,000		300		3,440	13	42	St. & h. air.
Lowell,	110	40,000		500	500	4,000 (m)	13	60	Hot air.
Middlesex,	(k)			600	1,300	5,000 (n)	17 & 21	23 & 21	Fur. & St.
Suffolk,	90	32,000		300	70	3,840	13	42	Steam.
Tremont,	75	30,000		250	60	3,692	13	42	Steam.
Lawrence,	175	62,000		650	120	8,217	17	60	Steam.
Boott,	137	59,000		750	70	7,100	17	60	St. & h. air.
Massachusetts,	158	77,000		750	70	7,100	17	60	Steam.
Total,	1,095	434,000	273,000	12,300	3,090	62,189			

## Kind of Goods made.

Locks and Canals — machinery, railroad cars, and engines. Merrimac — prints and sheetings, No. 22 to 40. Hamilton — prints, sheetings, &c. No. 14 to 40. Appleton — sheetings and shirtings, No. 14. Lowell — carpets, rugs, and negro cloth. Middlesex — broadcloths and cassimeres. Suffolk — drillings, No. 14. Tremont — sheetings and shirtings, No. 14. Lawrence — printing cloths, sheetings, &c. 14 to 30. Boott — drillings, 14, shirtings, 40, printing cloth, 40. Massachusetts — sheetings, 13, shirtings, 14, drillings, 14.

(a) Two shops, smithy, and furnace. (b) And print works. (c) Cotton and carpet mill in one building. (d) And two dye-houses. (e) Besides those for wool. (f) Besides 74 carpet-loom. (g) For broadcloth, and 122 for cassimeres. (h) 1,225 tons of wrought and cast-iron per annum. (i) And 2,500 yards of carpeting, and 150 rugs. (j) Of cassimere, besides 1,500 of broadcloth. (k) 100,000 pounds of wool per annum, and 3,000,000 tencels. (m) And 4,000 of olive oil. (n) And 12,000 of lard oil. (o) And 15,000 bushels of charcoal, and 200 chaldrons of smith's coal.

Yards of cloth per annum, 70,275, 400. Pounds of cotton consumed, per annum, 22,568,000. Assuming one half to be Upland, and one half New Orleans and Alabama, the number of bales, of 361 pounds each, will be 56,940. A pound of cotton averages 3 1-5 yards of cloth. 100 pounds of cotton will produce 89 pounds of cloth. Average wages of females, clear of board, per week, \$1 75. Average wages of males, clear of board, per day, 70 cents. Medium product of a loom, yards per day, on No. 14 yarn, 44 to 45. Medium product of a loom, yards per day, on No. 30 yarn, 30. Average product per spindle, 1 1-10. Pounds of starch per annum, 800,000. Flour for starch in mills, printworks, &c. 4,000 barrels per annum. Bushels of charcoal per annum, 600,000. The locks and canals machine shop can furnish machinery complete for a mill of 5,000 spindles in 4 months. When building mills, they employ, directly and indirectly, from 1000 to 1200 hands.

To the above principal establishments may be added the "Lowell Water-Proofing," connected with the Middlesex Manufacturing Company; the extensive Powder Mills of O. M. Whipple, Esq.; the Lowell Bleachery, with a capital of \$50,000; a flannel-mill, blanket-mill, batting-mill, paper-mill, card and whip-factory, planing-machine, reed-machine, foundry, grist, and saw-mills; together employing about 500 hands, and a capital of \$500,000.

## XXV. FINANCES OF CITY GOVERNMENTS.

*Communicated by Henry Barnard Esq., of Hartford, Ct.*

Cities.	Population in 1840.	Fiscal Year.	Aggregate Expenses of City Government.	Principal Items.		
				For Public Schools.	For Poor.	Watch.
Bangor,	8,627	1842	\$45,425.58	6,765.03	4,790.36	766.67
Portland,	15,208	1842	74,376.81	9,614.60	4,000.00	1,497.65
Lowell,	20,796	1840	74,642.18	25,604.98	5,301.34	1,845.37
Boston,	93,383	1842	642,353.89	136,219.10	42,067.17	45,776.26
Providence,	23,171	1842	72,565.00	21,000.00	4,000.00	5,000.00
Hartford,	9,468	1842	18,910.54			1,678.98
Albany,	33,721	1841	193,877.50	10,681.41	19,965.44	16,105.73
New York,	312,710	1842	1,645,779.30	96,671.17	238,000.00	225,567.62
Philadelphia,*	258,037	1840	497,518.00	151,022.00		
Cincinnati,	43,338	1842	160,432.19	33,263.56		9,326.24

## FINANCES — Continued.

Cities.	Principal Items.			Amount of City Debt.	Amount raised by tax for City purposes.
	Fire Department.	Salaries.	For Interest.		
Bangor,	\$1,063.14	2,519.62	8,972.38	140,000.00	38,757.99
Portland,	1,389.50	2,900.75	11,755.27	193,306.41	50,143.48
Lowell,	1,291.15	4,968.14	6,904.78	146,150.10	70,403.29
Boston,	37,304.82	19,016.49	76,006.70	1,518,700.00	606,437.83
Providence,	5,000.00	5,065.00	11,739.95	218,979.17	67,000.00
Hartford,	1,426.26		2,220.00	37,000.00	14,508.72
Albany,	4,967.83	9,826.09	10,406.97	435,732.00	
New York,	51,887.46	57,954.68		14,790,424.33	1,470,876.49
Philadelphia,*				1,380,379.00	
Cincinnati,	21,288.08	10,525.91	32,432.92	1,145,000.00	59,641.20

\*Including Philadelphia County.

## XXVI. COMPARATIVE VIEWS OF THE POPULATION.

From the want of room in the Almanac for 1843, the publication of several of the tables, exhibiting Comparative Views of the Population of the United States at different periods, computed for this work by Edward T. Tayloe, Esq., of Virginia, was necessarily deferred to another year. They are now inserted, and being taken in connexion with those which were published last year, will be found to contain a very succinct, but full and satisfactory view of the growth of population in this country at all the decennial periods since the formation of the constitution.

Table 1. CENSUS OF 1790.

a POPULATION IN 1790.						
States.	Free		Free.	Slaves.	N. of Free to 1 Slave.	Total.
	White.	Col'd.				
1. Virginia,	442,115	12,766	454,881	293,427	1.55	748,308
2. Massachusetts, b	469,256	6,001	475,257			475,257
3. Pennsylvania,	424,009	6,537	430,546	3,737	115.	434,283
4. North Carolina,	288,204	4,975	293,179	100,572	2.91	393,751
5. New York,	314,142	4,354	318,496	21,324	14. 9	340,120
6. Maryland,	208,649	8,043	216,692	103,036	2.10	319,728
7. South Carolina,	140,178	1,891	141,979	107,094	1.32	249,073
8. Connecticut,	232,501	2,891	235,392	2,759	85.	238,141
9. New Jersey,	169,954	2,762	172,716	11,423	15. 1	184,139
10. New Hampshire,	141,111	630	141,741	158	897.	141,899
11. Vermont,	85,144	255	85,399	17	5023.	85,416
12. Georgia,	52,886	318	53,204	29,264	1.82	82,548
13. Kentucky,	61,133	114	61,247	11,830	5.18	73,077
14. Rhode Island,	64,639	3,469	68,108	952	71.	69,110
15. Delaware,	46,310	3,899	50,209	8,887	5.64	59,096
Tennessee,	32,013	361	32,374	3,117	9.47	35,791
	3,172,464	59,466	3,231,930	697,597	4.63	3,929,527

a From Compendium of the 6th Census, prepared at Department of State, 1841.

b Mass. 378,717 } White, 373,254.

Maine, 96,540 } 475,257. These formed one State till 1820.

Table 2. CENSUS OF 1800.

POPULATION IN 1800.						
States.	Free		Free.	Slaves.	N. of Free to 1 Slave.	Total.
	White.	Col'd.				
1. Virginia,	514,250	20,124	534,404	345,796	1.54	880,200
2. Pennsylvania,	583,068	14,561	600,659	1,706	352.	602,365
3. New York,	556,039	10,374	566,413	20,343	27.	586,756
4. Massachusetts, g	567,694	7,270	574,964			574,964
5. North Carolina,	337,764	7,043	344,807	133,296	2.58	478,103
6. South Carolina,	196,255	3,185	199,440	146,151	1.36	345,591
7. Maryland,	216,326	19,587	235,913	105,635	2.23	341,548
8. Connecticut,	244,721	5,330	250,051	951	263.	251,002
9. Kentucky,	179,571	741	180,312	40,343	4.47	220,655
10. New Jersey,	195,125	4,402	199,527	12,422	16.	211,949
11. New Hampshire,	182,898	836	183,754	8	22969.	183,792
12. Georgia,	101,678	1,019	102,697	59,404	1.72	162,101
13. Vermont,	153,908	557	154,465			154,465
14. Tennessee,	91,709	309	92,018	13,584	6.77	105,602
15. Rhode Island,	65,437	3,304	68,741	381	18.	69,122
16. Delaware,	49,552	5,268	54,820	6,153	9.44	61,273
Ohio,	45,028	337	45,365			45,365
Dist. Columbia,	10,066	783	10,849	3,244	3.34	14,093
Mississippi,	5,179	182	5,361	3,189	1.53	8,550
Indiana,	4,577	163	4,740	135	35.	4,875
	4,304,505	108,395	4,412,900	893,041	4.94	5,305,941

i Mass. 6,452 } 7,270.  
Maine, 818 }

g Mass. 423,245 } 416,793 White.  
Maine, 151,719 } 574,964.

Table 3. CENSUS OF 1810.

POPULATION IN 1810.						
States.	Free		Free.	Slaves.	N. of Free to 1 Slave.	Total.
	White.	Col'd.				
1. Virginia,	551,534	30,570	582,104	392,518	1.48	974,622
2. New York,	918,699	25,333	944,032	15,017	63.	959,049
3. Pennsylvania,	786,904	22,452	809,296	795	1018.	810,091
4. Massachusetts, <i>b</i>	693,039	7,706	700,745			700,745
5. North Carolina,	376,410	10,266	386,676	168,824	2.29	555,500
6. South Carolina,	214,196	4,554	218,750	196,365	1.11	415,115
7. Kentucky,	324,237	1,713	325,950	80,561	4.04	406,511
8. Maryland,	235,117	33,927	269,044	111,502	2.41	380,546
9. Connecticut,	255,279	6,453	261,732	210	844.	262,042
10. Tennessee,	215,675	1,317	217,192	44,535	4.87	261,727
11. Georgia,	145,414	1,801	147,215	105,218	1.39	252,433
12. New Jersey,	226,861	7,843	234,704	10,851	21.	245,555
13. Ohio, <i>c</i>	228,861	1,899	230,760			230,760
14. Vermont,	215,963	750	217,713			217,713
15. New Hampshire,	213,390	970	214,360			214,360
16. Rhode Island,	73,314	3,609	76,923		712.	77,031
17. Delaware,	55,361	13,136	68,497	4,177	16.39	72,674
Louisiana,	34,311	7,585	41,896	34,660	1.20	76,556
Mississippi,	23,021	240	23,264	17,088	1.35	40,352
Missouri,	17,227	607	17,834	3,011	5.67	20,845
Indiana,	23,810	393	24,203	237	102.	24,520
Dist. Columbia,	16,079	2,549	18,628	5,395	3.45	24,023
Illinois,	11,501	613	12,114	168	72.	12,282
Michigan,	4,688	220	4,738	24	197.	4,762
<b>Territories—</b>	<b>5,562,004</b>	<b>186,446</b>	<b>6,048,450</b>	<b>1,191,364</b>	<b>5.07</b>	<b>7,239,814</b>

*b* Mass. 472,040. Maine, 228,705.*c* Ohio was admitted into the Union in 1802.

Table 4. CENSUS OF 1820.

POPULATION IN 1820.						
States.	Free		Free.	Slaves.	N. of Free to 1 Slave.	Total.
	White.	Col'd.				
1. New York,	1,333,445	29,279	1,362,724	10,088	135.	1,372,812
2. Virginia,	603,337	36,889	640,226	425,153	1.50	1,065,379
3. Pennsylvania,	1,019,045	30,202	1,049,247	211	4972	1,049,458
4. North Carolina,	419,300	14,612	433,912	205,017	2.11	638,929
5. Ohio,	576,711	4,723	581,434			581,434
6. Kentucky,	434,826	2,759	437,585	126,732	3.45	564,317
7. Massachusetts,*	518,547	6,740	525,287			525,287
8. South Carolina,	237,440	6,826	244,266	258,475	.94	502,741
9. Tennessee,	339,989	2,727	342,716	80,097	4.27	422,813
10. Maryland,	260,222	39,730	299,952	107,398	2.79	407,350
11. Georgia,	189,568	1,763	191,331	149,656	1.27	340,987
12. Maine,*	297,406	929	298,335			298,335
13. New Jersey,	227,538	12,460	270,018	7,557	36.	277,575
14. Connecticut,	267,361	7,844	275,105	97	2536.	275,202
15. New Hampshire,	243,375	786	244,161			244,161
16. Vermont,	234,861	903	235,764			235,764
17. Louisiana,	74,867	10,476	84,343	69,064	1.22	153,407
18. Indiana,	145,758	1,230	146,988	190	7.73	147,178
19. Alabama,	85,451	571	86,022	41,879	2.05	127,911
20. Rhode Island,	79,457	3,554	83,011	48	1729.	83,069
21. Mississippi,	42,176	48	42,634	32,814	1.29	75,448
22. Delaware,	55,282	12,958	68,240	4,509	15.13	72,749
23. Missouri,	50,017	347	50,364	10,222	5.51	60,586
24. Illinois,	53,837	457	54,294	917	59.	55,211
Dist. Columbia,	22,614	4,018	26,662	6,377	4.18	33,039
Arkansas,	12,597	59	12,656	1,617	7.82	14,273
Michigan,	8,722	174	8,896			8,896
<b>Terr.</b>	<b>7,866,539</b>	<b>233,524</b>	<b>8,100,063</b>	<b>1,538,128</b>	<b>5.26</b>	<b>9,638,191</b>

\* Mass. and Maine were separated, and Maine admitted into the Union, in 1820.

**Table 5. WHITE, FREE COLORED, AND SLAVE POPULATION IN THE NEW ENGLAND, MIDDLE, SOUTHERN, AND WESTERN STATES, AT THE TIME OF EACH CENSUS.**

	Population in 1790.				Population in 1800.			
	White.	Col'd.	Slaves.	Total.	White.	Col'd.	Slaves.	Total.
New England, (a)	992,781	13,156	3,886	1,009,823	1,214,658	17,317	1,340	1,233,315
Middle States, (b)	954,505	17,852	45,371	1,017,728	1,287,114	37,605	40,624	1,465,343
Southern States, (c)	1,132,032	27,983	633,393	1,793,408	1,381,548	51,923	797,015	2,230,486
Western States, (d)	93,143	475	15,247	108,865	321,165	1,550	51,062	370,797

**TABLE 5. — Continued.**

	Population in 1810.				Population in 1820.			
	White.	Col'd.	Slaves.	Total.	White.	Col'd.	Slaves.	Total.
N. England, (a)	1,451,985	19,488	418	1,471,891	1,638,907	20,756	145	1,659,808
Mid. States, (b)	1,967,725	68,804	30,840	2,067,369	2,665,330	84,899	22,365	2,772,594
S. States, (c)	1,506,085	91,492	1,031,570	2,719,147	1,933,875	115,373	1,295,833	3,345,081
W. States, (d)	826,209	6,662	18,536	961,407	1,628,457	12,476	219,775	1,860,708

**TABLE 5. — Continued.**

	Population in 1830.				Population in 1840.			
	White.	Col'd.	Slaves.	Total.	White.	Col'd.	Slaves.	Total.
N. England, (a)	1,933,338	21,331	48	1,954,717	2,212,165	22,634	23	2,234,822
Mid. States, (b)	3,535,828	116,958	6,024	3,658,810	4,465,151	135,844	3,347	4,604,345
S. States, (c)	2,408,948	156,033	1,665,700	4,230,681	2,942,137	183,766	2,040,129	5,166,032
W. States, (d)	2,648,164	25,247	337,271	3,010,682	4,570,249	44,049	443,856	5,058,154

(a) { Maine,  
New Hampshire,  
Vermont,  
Massachusetts,  
Rhode Island,  
Connecticut.  
(b) { New York,  
New Jersey,  
Pennsylvania,  
Delaware.

(c) { Maryland,  
Virginia,  
North Carolina,  
South Carolina,  
Georgia,  
Alabama,  
Mississippi,  
Louisiana,  
Dist. of Columb.,  
Ter. of Florida.

(d) { Tennessee,  
Kentucky,  
Ohio,  
Michigan,  
Indiana,  
Illinois,  
Missouri,  
Arkansas,  
Iowa Territory,  
Wisconsin Ter.

**Table 6. RATES PER CENT. OF INCREASE AND DECREASE OF THE WHITE, FREE COLORED, AND SLAVE POPULATION, IN THE NEW ENGLAND, MIDDLE, SOUTHERN, AND WESTERN STATES.**

	From 1796 to 1800.				From 1800 to 1810.				From 1810 to 1820.			
	White.	Colored.	Slaves.	Total.	White.	Colored.	Slaves.	Total.	White.	Colored.	Slaves.	Total.
N. E. States,	22.3	31.6	— 65.	12.1	19.5	12.5	— 61.	19.3	12.8	6.5	— 65.	12.7
Middle "	45.3	110.	— 10.4	43.9	43.3	83.	— 24.0	43.1	34.0	23.4	— 27.4	32.8
South. "	22.0	85.	+ 25.8	24.3	15.5	76.	+ 29.4	21.9	21.2	26.	+ 25.6	23.0
West. "	244.	226.	+ 254.	246.	157.	329.	+ 137.	155.	97.1	87.2	+ 71.	63.

**TABLE 6. — Continued.**

	From 1820 to 1830.				From 1830 to 1840.			
	White.	Colored.	Slaves.	Total.	White.	Colored.	Slaves.	Total.
N. England States,	17.9	2.7	— 67.	11.1	14.4	6.1	— 52.	14.3
Middle "	32.7	37.7	— 73.	31.9	26.3	16.1	— 44.4	25.8
Southern "	24.6	35.2	+ 28.5	26.4	22.1	17.7	+ 22.4	22.1
Western "	62.6	102.3	+ 53.	61.	72.6	74.4	+ 31.6	68.

## XXVII. POPULATION OF THE UNITED STATES.

*According to the Six Enumerations; From the Official Revision.*

States.	1790	1800	1810	1820	1830	1840
Maine, . . . . .	96,540	151,719	228,705	298,335	399,955	501,793
New Hampshire, . . . . .	141,899	183,762	211,360	244,161	269,325	284,574
Vermont, . . . . .	85,416	151,465	217,713	235,764	280,652	291,948
Massachusetts, . . . . .	378,717	423,245	472,400	523,287	610,408	737,699
Rhode Island, . . . . .	69,110	69,122	77,031	83,059	97,199	108,530
Connecticut, . . . . .	238,141	251,002	262,042	275,202	297,665	309,975
New York, . . . . .	340,120	586,756	959,949	1,372,812	1,918,608	2,428,921
New Jersey, . . . . .	184,139	211,949	249,555	277,575	320,823	373,306
Pennsylvania, . . . . .	434,373	602,365	810,091	1,049,458	1,348,233	1,724,033
Delaware, . . . . .	59,088	64,273	72,674	72,749	76,748	78,085
Maryland, . . . . .	319,728	341,548	380,546	407,350	447,040	470,019
Virginia, . . . . .	748,308	880,200	974,622	1,065,379	1,211,405	1,239,797
North Carolina, . . . . .	393,751	478,103	555,500	638,829	737,977	753,419
South Carolina, . . . . .	249,073	345,591	415,115	502,741	581,185	594,398
Georgia, . . . . .	82,548	162,101	252,433	340,987	516,823	691,392
Alabama, . . . . .	.....	.....	20,845	127,901	309,527	590,756
Mississippi, . . . . .	.....	8,850	40,352	75,448	136,621	375,651
Louisiana, . . . . .	.....	.....	76,556	153,407	215,739	352,411
Arkansas, . . . . .	.....	.....	.....	14,273	30,388	97,574
Tennessee, . . . . .	30,791	105,602	261,727	422,813	681,904	829,210
Kentucky, . . . . .	73,077	220,955	406,511	564,317	687,917	779,828
Ohio, . . . . .	.....	45,365	230,760	581,434	937,903	1,519,467
Michigan, . . . . .	.....	.....	4,702	8,896	31,639	212,267
Indiana, . . . . .	.....	4,875	94,520	147,178	343,031	685,866
Illinois, . . . . .	.....	.....	12,282	55,211	157,455	476,183
Missouri, . . . . .	.....	.....	20,845	66,586	140,415	383,702
Dist. Columbia, . . . . .	.....	14,093	24,023	33,039	39,834	43,712
Florida, . . . . .	.....	.....	.....	.....	34,730	54,477
Wisconsin, . . . . .	.....	.....	.....	.....	.....	30,945
Iowa, . . . . .	.....	.....	.....	.....	.....	43,112
Total, . . . . .	3,929,827	5,305,925	7,239,514	9,638,131	12,866,920	17,063,353

## XXVIII. SLAVES IN THE UNITED STATES.

States.	1790	1800	1810	1820	1830	1840
Maine, . . . . .	0	0	0	0	0	0
New Hampshire, . . . . .	158	8	0	0	0	1
Vermont, . . . . .	17	0	0	0	0	0
Massachusetts, . . . . .	0	0	0	0	0	0
Rhode Island, . . . . .	952	361	103	48	17	5
Connecticut, . . . . .	2,759	951	310	97	25	17
New York, . . . . .	21,324	20,343	15,017	10,088	75	4
New Jersey, . . . . .	11,423	12,422	10,851	7,657	2,254	674
Pennsylvania, . . . . .	3,737	1,706	705	211	403	64
Delaware, . . . . .	8,887	6,153	4,177	4,509	3,292	2,605
Maryland, . . . . .	103,036	105,635	111,502	107,398	102,294	89,737
Virginia, . . . . .	203,427	345,796	392,518	425,153	469,757	448,987
North Carolina, . . . . .	100,572	133,296	168,224	295,017	235,601	245,817
South Carolina, . . . . .	107,094	146,151	196,365	258,475	315,401	327,038
Georgia, . . . . .	29,264	59,404	105,218	149,656	217,531	280,944
Alabama, . . . . .	.....	.....	.....	41,579	117,549	253,532
Mississippi, . . . . .	.....	3,469	17,088	32,814	65,659	195,211
Louisiana, . . . . .	.....	.....	34,660	69,064	109,588	168,452
Arkansas, . . . . .	.....	.....	.....	1,617	4,576	19,935
Tennessee, . . . . .	3,417	13,584	44,535	80,107	141,603	183,059
Kentucky, . . . . .	11,830	40,313	80,561	126,732	165,213	182,258
Ohio, . . . . .	.....	.....	.....	.....	0	3
Michigan, . . . . .	.....	.....	24	.....	32	0
Indiana, . . . . .	.....	135	237	190	0	3
Illinois, . . . . .	.....	.....	168	917	*747	831
Missouri, . . . . .	.....	.....	3,011	10,222	25,081	58,240
Dist. Columbia, . . . . .	.....	3,244	5,395	6,377	6,119	4,694
Florida, . . . . .	.....	.....	.....	.....	15,501	25,717
Wisconsin, . . . . .	.....	.....	.....	.....	.....	11
Iowa, . . . . .	.....	.....	.....	.....	.....	16
Total, . . . . .	697,697	893,041	1,191,364	1,538,064	2,009,031	2,487,355

\*Not slaves, but "indented colored servants."



# INDIVIDUAL STATES.

## I. MAINE.

### GOVERNMENT.

			Salary.
EDWARD KAVANAGH,	of Newcastle,	<i>Acting Governor; (term of office expires on the 1st Wednesday in Jan. 1844,)</i>	\$1,500
Philip C. Johnson,	of Augusta,	<i>Secretary of State,</i>	900
James White,	of Belfast,	<i>Treasurer,</i>	900
Alfred Redington,	of Augusta,	<i>Adjutant General,</i>	700
Levi Bradley,	of Charleston,	<i>Land Agent,</i>	1,000
Benjamin Carr,	of Palermo,	<i>Warden of State Prison,</i>	700
Isaac Ray,	of Augusta,	<i>Supt of Insane Hospital,</i>	800
Nathaniel Mitchell,	of Portland,	<i>Bank Commissioners.</i>	
Alpheus Lyon,	of Waterville,		
David Dunn,	of Poland,	<i>Speaker of the House.</i>	

### JUDICIARY.

#### *Supreme Judicial Court.*

Ezekiel Whitman,	of Portland,	<i>Chief Justice,</i>	\$1,800
Ether Shipley,	of Portland,	<i>Justice,</i>	1,800
John S. Tenney,	of Norridgewock,	<i>do.</i>	1,800
Otis L. Bridges,	of Calais,	<i>Attorney-General,</i>	1,000
John Shepley,	of Saco,	<i>Reporter,</i>	1,000

#### *District Courts.*

Daniel Goodenow,	of Alfred,	West. Dist.	<i>Judge,</i>	1,200
Asa Redington, Jr.,	of Augusta,	Mid. do.	<i>do.</i>	1,200
Frederick H. Allen,	of Bangor,	East. do.	<i>do.</i>	1,200
Anson G. Chandler,	of Calais,	do. do.	<i>do.</i>	1,200

#### *Municipal Courts, Portland and Bath.*

Luther Fitch,	of Portland,	<i>Judge,</i>	700
Asa W. True,	do.	<i>Recorder.</i>	
Ebenezer Clap,	of Bath,	<i>Judge.</i>	

#### *Police Court, Bangor.*

Gustavus G. Cushman,	of Bangor,	<i>Judge.</i>	500
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*Probate Courts.*

Counties.	Judges.	Residence.	Salary.	Registers.	Residence.	Salary.
York,	Wm. A. Hayes,	S. Berwick,	\$300	Wm. Hammond,	Eliot,	\$550
Cumberland,	Barrett Potter,	Portland,	400	John Appleton,	Portland,	900
Lincoln,	Nath'l Gröton,	Bath,	300	Geo. W. Nichols,	Wiscasset,	500
Hancock,	Sam'l M. Pond,	Bucksport,	200	J. D. Richards,	Ellsworth,	300
Washington,	J. C. Talbot,	E. Machias,	250	Albert G. Lane,	Machias,	400
Kennebec,	Wm. Emmons,	Hallowell,	300	Fran. Davis, Jr.,	Augusta,	550
Oxford,	Lyman Rawson,	Rumford,	200	Geo. F. Emery,	Paris,	350
Somerset,	Charles Greene,	Athens,	150	Thos. C. Jones,	Norridgew'k	300
Penobscot,	Samuel Coney,	Orono,	275	John Williams,	Bangor,	550
Waldo,	Jona. Thayer,	Camden,	200	Charles Palmer,	Belfast,	300
Franklin,	Thomas Parker,	Farmington,	100	Sewall Cram,	New Sharon	150
Piscataquis,	Eleaz. W. Snow,	Atkinson,	75	Eben. S. Greely,	Dover,	125
Aroostook,	S. G. Tuck,	Haynesville,	100	Samuel Gooch,	Houlton,	125

## FINANCES.

[Extracted from the Report of the State Treasurer, Dec. 31, 1842.]

*State Debt.*

On the 31st day of December, 1842, the public debt amounted to \$1,725,362 67. Of this sum, \$132,186 22, bears interest at the rate of 5 per cent. — 66,000 at the rate of  $5\frac{3}{4}$  per cent., and \$1,527,176 45 at the rate of 6 per cent. On \$1,117,362 67, the interest is payable annually, and on 608,000, the interest is payable semi-annually.

\$908,500 of the public debt is payable in the city of Boston, and the balance, \$816,862 67, is payable at the Treasury Office.

The amount of interest which will become due and payable in Boston, in 1843, will be \$53,667 50, and the amount which will become due and payable at the Treasury Office will be \$48,317 91; making the total amount of interest accruing on the public debt for the year 1843, \$101,985 41.

*Ordinary Receipts and Expenditures.*

Balance of cash in the Treasury, Dec. 31, 1841,	\$55,952 07
Amount received during the year 1842,	259,621 43
	<hr/> 315,573 50
Paid out by the Treasurer in 1842,	307,605 58
	<hr/> \$7,967 92
Leaving a balance, Dec. 31, 1842, of	
The receipts from the Land Agent in 1842, amounted to	\$19,149 07
From the State Tax of 1840-42,	198,436 65
From School Fund, No. 10,	29,590 00

*Principal Expenditures.*

Council, Senate, and House of Representatives,	\$50,488 00
Costs of Criminal Prosecutions,	11,715 83
Roll of Accounts, No. 23,	25,757 99
School Fund, No. 9,	32,849 98
Insane Hospital,	3,000 00
Public Debt,	9,498 80
Salaries,	24,968 91
Interest on Debt,	103,096 29

CONDITION OF THE BANKS, *June*, 1843.

There are 37 banks in the State.

Capital Stock,	\$2,925,000 00	Gold, Silver, &c.,	\$158,591 93
Bills in circulation,	1,147,625 00	Real Estate,	258,647 76
Net profits on hand,	109,013 77	Bills of other Banks,	118,809 91
Due other Banks,	138,166 88	Due from other Banks,	560,956 44
Deposits not on interest,	633,098 11	Notes discounted, &c.,	3,946,613 35
Deposits bearing interest,	90,715 63	Total resources,	\$5,043,619 39
Total due from Banks,	\$5,043,619 39	Last semi-ann. dividend,	86,730 00

## MAINE HOSPITAL FOR THE INSANE.

The number of patients during the year has ranged from 59 to 73, and averaged 62 1-6, showing a slight increase on the average of the year before. During the year there have been discharged 76, of whom 51 were considered curable when admitted, and 25 incurable. Of the curable cases, 36 were cured, 15 uncured; in 6, the trial of hospital treatment was deemed clearly insufficient. Of the 36 cured, 5 were periodical, and will probably be attacked again. There remained in the hospital, at the date of the report, Dec. 31, 1842, 65 patients.

The expenditures of the current year are estimated at \$8,254 72, of which \$7,190 69 are anticipated from the resources of the institution, leaving \$1,064 03 to be made up by an appropriation. The expenses of last year were \$8,817 73, of which \$947 were for permanent improvements and extra expenses.

## CONGRESSIONAL DISTRICTS.

No. 1. York county, and the following towns in Oxford: Hiram, Porter, Brownfield, Denmark, Fryeburg, Lovell, Stow, Stoneham, Sweden, Waterford, Albany, Mason, Gilead, Bethel, Newry, Bachelder's Grant, Riley, Greenwood, Norway, Oxford and Hebron.

No. 2. Cumberland county.

No. 3. Lincoln county, the other towns in Oxford not belonging to the 1st District, and Greene in Kennebec county.

No. 4. The remainder of Kennebec, and all of Franklin county.

No. 5. Waldo and Somerset counties, except Vinalhaven.

No. 6. Penobscot and Piscataquis counties.

No. 7. Hancock, Washington, and Aroostook counties, and the town of Vinalhaven.

## II. NEW HAMPSHIRE.

## GOVERNMENT

*For the Year ending on the 1st Wednesday of June, 1844.*

HENRY HUBBARD,	of Charlestown,	Governor,	Salary. \$1,000
Thomas P. Treadwell,	of Concord,	Secretary of State,	800
John Atwood,	do.	Treasurer,	600
Charles H. Peaslee,	do.	Adjutant-General,	400
Titus Brown,		President of the Senate.	
Samuel Swasey,		Speaker of the House.	
Henry E. Baldwin,		Clerk of the Senate.	
Albert G. Allen,		Clerk of the House.	

*Executive Council.*

	Counties.	Councillors.
1st District,	{ Rockingham and part of Merrimack,	{ Elijah R. Currier, of Newton.
2d do.	{ Strafford, Belknap, and Carroll,	{ Samuel G. Berry, of Barnstead.
3d do.	{ Hillsborough and part of Merrimack,	{ James McK. Wilkins, of Bedford.
4th do.	Cheshire and Sullivan,	Francis Holbrook, of Surry.
5th do.	Grafton and Coos,	James H. Johnson, of Bath.

The Governor, Executive Council, Senate, and House of Representatives, are elected annually on the 2d Tuesday of March; the official year commencing on the 1st Wednesday in June. The State is divided into *five* Districts for the choice of Councillors; and again divided into *twelve* Districts for the choice of Senators; the number composing these two bodies being limited by the Constitution, while the number of Representatives is unlimited — every town possessing 150 ratable male inhabitants being entitled to one Representative, and one for each additional 300.

## JUDICIARY.

The Superior Court of Judicature consists of a chief justice and two associate justices, who hold one term annually in each of the ten counties of the State, for the hearing and determining questions of law, &c. This Court is also vested with Chancery jurisdiction, for certain purposes prescribed by the statute.

The judges of the Superior Court of Judicature are, *ex officio*, judges of the Court of Common Pleas. This Court, before whom all actions for

the recovery of debts, and the enforcement of contracts, and all jury trials are brought, consists of one of the justices of the Superior Court, who sits as chief justice of the Court of Common Pleas, and of two county judges, generally appointed from among the yeomanry, whose principal duty it is to attend to the ordinary business of the county, its roads, expenses, &c. Terms of this Court are held semi-annually, in each of the Counties.

*Superior Court.*

			Appointed.	Salary.
Joel Parker,	of Keene,	<i>Chief Justice,</i>	1838,	\$1,400
Andrew S. Woods,	of Bath,	<i>Associate Justice,</i>	1840,	1,200
John J. Gilchrist,	of Charlestown,	<i>do.</i>	1840,	1,200

*Circuit Court.*

Charles F. Gove,	of Nashville,		1843,	1,200
Noah Tebbets,	of Rochester,		1843,	1,200
Lyman B. Walker,	of Concord,	<i>Attorney-General,</i>	1843,	1,200

*Judges of the Court of Common Pleas.*

Counties.	Justices.	Residence.	Salary.
Rockingham,	{ Bradbury Bartlett,	Nottingham,	After the 15th of Sept. 1843, \$3 per day during attendance at Court, and 10 cents per mile for travel.
	{ James Pickering,	Newington,	
Strafford,	{ George L. Whitehouse,	Farmington,	
	{ Hiram R. Roberts,	Somersworth,	
Belknap,	{ Thomas Cogswell,	Gilmanton,	
	{ Henry Y. Simpson,	New Hampton,	
Carroll,	{ Nathaniel Rogers,	Wolfeborough,	
	{ Thomas P. Drake,	Effingham,	
Merrimack,	{ Benjamin Wadleigh,	Sutton,	
	{ Aaron Whittemore,	Pembroke,	
Hillsborough,	{ Jacob Whittemore,	Antrim,	
	{ Jesse Carr,	Goffstown,	
Cheshire,	{ Horace Chapin,	Winchester,	
	{ Nathan G. Babbitt,	Westmoreland,	
Sullivan,	{ Ambrose Cossit,	Claremont,	
	{ Eleazer Jackson,	Cornish,	
Grafton,	{ David C. Churchill,	Lyme,	
	{ Nathaniel S. Berry,	Bristol,	
Coos,	{ Joshua Marshall,	Stratford,	
	{ Richard Eastman,	Lancaster,	

**GEOLOGICAL SURVEY.**

			Appointed.
Charles T. Jackson,	Boston, Mass.	<i>State Geologist,</i>	1839.
William F. Channing,	do.	<i>Assistant do.</i>	1841.

## Courts of Probate.

Counties.	Judges.	Salary.	Registers.	Salary.
Rockingham,	John Sullivan,	\$334	David A. Gregg,	\$462
Strafford,	Benning W. Jenness,	167	Winthrop A. Marston,	233
Belknap,	Warren Lovell,	142	Jeremiah Elkins,	183
Carroll,	Jonathan T. Chase,	142	Obed Hall,	183
Merrimack,	Horace Chase,	245	James Clark,	345
Hillsborough,	Luke Woodbury,	276	Samuel N. Pattee,	383
Cheshire,	Larkin Baker,	225	Elijah Sawyer,	300
Sullivan,	John L. Putnam,	175	Uriel Dean,	225
Grafton,	Walter Blair,	275	Samuel Swasey,	350
Coos,	Benj. Hunking,	100	George A. Cossit,	125

## STATE PRISON.

Samuel G. Berry,	Warden,	Salary.
Luther C. Pillsbury,	Deputy Warden.	\$800

New Hampshire has not been divided into Districts for the election of Members of Congress.

## III. VERMONT.

## GOVERNMENT.

		Salary
JOHN MATTOCKS,	of Peacham, Governor, (term ends Oct. 1844,)	\$750
Horace Eaton,	of Enosburg, Lieut. Gov. & Pres. Sen., pay, \$4 a day.	
John Spalding,	of Montpelier, Treasurer,	500
Jas. McM. Shafter,	of Burlington, Secretary of State,	275
Ferrand F. Merrill,	of Montpelier, Deputy & Acting Sec. of State.	
Henry Hale,	of Burlington, Sec'y Civil & Military Affairs,	200
David Pierce,	of Woodstock, Auditor, \$1.50 a day in session, & 150	
Joseph Berry,	of Newbury, Auditor in Treasury Dep't, \$2 a day.	
DeWitt C. Clarke,	of Brandon, Secretary of the Senate,	250
Andrew Tracy,	of Woodstock, Speaker of the House.	
Ferrand F. Merrill,	of Montpelier, Clerk of the House of Rep.,	275
A. W. Kenney,	of Montpelier, State Librarian,	100
Chipman Swain,	of Windsor, Superintendent of State Prison,	500
F. W. Hopkins,	of Rutland, Adjutant & Inspector General,	250
E. C. Tracy,	of Windsor, Chaplain of State Prison,	400

## LEGISLATURE.

The *Senate*, established in 1836, consists of 30 members; each county being entitled to at least one, and the rest being apportioned according to population; and the House of Representatives is composed of about 230 members, one member from each town. Pay of the members of each House, \$1.50 a day during the session of the legislature; pay of the Lieutenant-Governor, while presiding in the Senate, \$4.00 a day.

## JUDICIARY.

*Supreme Court.*

			Salary.
Charles K. Williams,	of Rutland,	<i>Chief Justice,</i>	\$1,375
Stephen Royce,	of St. Albans,	<i>Associate Judge,</i>	1,375
Isaac F. Redfield,	of Montpelier,	<i>do.</i>	1,375
Milo L. Bennett,	of Burlington,	<i>do.</i>	1,375
William Hebard,	of Randolph,	<i>do.</i>	1,375
William Weston,	of Burlington,	<i>Reporter,</i>	450

*Courts of Common Pleas.*

Counties.	Assistant Judges.	State Attorney.	Counties.	Assist. Judges.	State Attorney.
Benning.	G. B. Southworth, Benj. F. Olin,	H. Canfield.	Washing.	C. Sampson, Jos. Sawyer,	O. H. Smith.
Windh'm,	Wm. R. Shafter, John Smith,	R. Tyler.	Caledon.	E. B. Chase, Isaac N. Hall,	T. Howard.
Windsor,	David Pierce, R. Washburn,	S. Fullam.	Franklin,	L. B. Hunt, Jos. Smith,	H. E. Hubbell.
Rutland,	Zimri Howe, Obadiah Noble,	W. C. Kittredge.	Lamoille,	J. Warner, C. Burnet,	W. H. Bingham.
Addison,	C. Solace, F. Huntington,	O. Seymour.	Orleans,	Isaac Parker, J. Stebbins,	J. Cooper.
Chittend'n	J. Van Sicklen, John Allen,	H. Leavenw'th.	Essex,	John S. Nelson, Owen Brown,	W. Heywood.
Orange,	Martin Flint, Daniel Cobb,	Elijah Farr.	G. Isle,	C. Fletcher, Jos. M. Mott,	W. W. White.

The judiciary powers are vested in a Supreme Court, consisting of five judges; in County Courts, or Courts of Common Pleas, comprising five circuits, each County Court being composed of one judge of the Supreme Court, who is, *ex officio*, chief justice of the County Courts of his circuit, and two assistant judges for each county; and in justices of the peace; all the judges and justices being chosen annually by the legislature.

The Supreme Court sits once, and the County Courts twice a year in each county. Each judge of the Supreme Court is chancellor of a circuit. The Court of Chancery has two stated sessions annually in each county. An appeal from the decree of the chancellor lies to the Supreme Court.

## VERMONT ASYLUM FOR THE INSANE, BRATTLEBORO'.

William H. Rockwell, M. D., *Superintendent and Physician*; Doctor Samuel B. Low, *Assistant Physician*; Mrs. Ann F. Wilkinson, *Matron*; In 6 years, 424 patients have been received, and 311 discharged, of whom 179 were cured. In the last year, 101 were admitted, and there were 95 in the asylum at the beginning of the year; making in all 196. Of these, 83 have been discharged, leaving 113 patients on the 1st of October, 1842.

## CONGRESSIONAL DISTRICTS.

- No. 1. Windham, Bennington, and Rutland counties.  
 No. 2. Windsor and Orange.  
 No. 3. Addison, Chittenden, Franklin, and Grand Isle.  
 No. 4. Washington, Caledonia, Essex, Orleans and Lamoille.

## IV. MASSACHUSETTS.

## GOVERNMENT

*For the Year ending on the 1st Wednesday in January, 1844.*

			Salary.
MARCUS MORTON,	of Taunton,	Governor,	\$2,500
Henry H. Childs,	of Pittsfield,	Lieutenant-Governor,	\$4 a day.
John A. Bolles,	of Boston,	Sec. of the Commonwealth,	1,600
John Mills,	of Springfield,	Treasurer and Receiver-Gen.,	1,600
James F. Boyd,	of Charlestown,	Adjutant-General, and Keeper Military Stores,	1,500
William Tufts,		1st Clerk, Secretary of State's Office,	1,000
Joseph Foster,		1st Clerk, Treasurer's Office,	1,000
Horace Mann,	of Boston,	Sec. of the Board of Education,	1,500
Frederick Robinson,	of Middlesex Co.,	President of the Senate.	
Daniel P. King,	of Danvers,	Speaker of the House of Rep.	
Lewis Josselyn,	of Boston,	Clerk of the Senate,	\$8 per day.
Luther S. Cushing,	do.	Clerk, House of Representatives,	\$8 per day.

## JUDICIARY.

*Supreme Judicial Court.*

Lemuel Shaw,	of Boston,	Chief Justice,	3,000
Samuel S. Wilde,	of Boston,	Justice,	2,500



			Salary.
Charles A. Dewey,	of Northampton,	<i>Justice</i> ,	\$2,500
Samuel Hubbard,	of Boston,	<i>do.</i>	2,500
Theron Metcalf,	of Dedham,	<i>Reporter</i> ,	300
Asahel Huntington,	of Salem,	<i>District-Attorney</i> , N. Dist.	700
John H. Clifford,	of New Bedford,	<i>do.</i> S. <i>do.</i>	700
Ezra Wilkinson,	of Dedham,	<i>do.</i> Mid. <i>do.</i>	700
Daniel Wells,	of Greenfield,	<i>do.</i> W. <i>do.</i>	700
Samuel D. Parker,	of Boston,	<i>Attorney</i> , Co. Suffolk,	1,500

*Court of Common Pleas.*

John M. Williams,	of Taunton,	<i>Chief Justice</i> ,	1,800
David Cummings,	of Springfield,	<i>Associate Justice</i> ,	1,700
Charles H. Warren,	of New Bedford,	<i>do.</i>	1,700
Charles Allen,	of Worcester,	<i>do.</i>	1,700
Pliny Merrick,	<i>do.</i>	<i>do.</i>	1,700

*Police Court of Boston.*

John Gray Rogers,	} <i>Justices</i> ,	1,500
James C. Merrill,		
Abel Cushing,		

The Police Court sits every day, (Sunday excepted) at 9 o'clock, A. M., and at 3, P. M., for the trial of criminal causes.

*Probate Court.*

Counties.	Judges.	Salary.	Registers.	Salary.
Barnstable,	Nymphas Marston,	\$300	Timothy Reed,	\$400
Berkshire,	Wm. P. Walker,	375	Henry W. Bishop,	500
Bristol,	Oliver Prescott,	400	Anselm Bassett,	600
Dukes,	Theod. G. Mayhew,	100	B. C. Marchant,	100
Essex,	Daniel A. White,	600	Nathaniel Lord, Jr.,	1,200
Franklin,	R. E. Newcomb,	240	Geo. Grennel, Jr.,	400
Hampden,	Oliver B. Morris,	240	Justice Willard,	400
Hampshire,	Ithamar Conkey,	240	Samuel F. Lyman,	400
Middlesex,	Samuel P. P. Fay,	700	Isaac Fiske,	1,200
Nantucket,	Samuel Mitchell,	150	George Cobb,	250
Norfolk,	Sherman Leland,	400	Jonathan H. Cobb,	600
Plymouth,	Wilkes Wood,	350	Jacob H. Loud,	600
Suffolk,	Willard Phillips,	800	H. M. Willis,	1,500
Worcester,	Ira M. Barton,	600	Charles G. Prentiss,	1,200

**FINANCES OF MASSACHUSETTS.**

Balance in the treasury, January 1, 1842, \$75,046.25

The ordinary receipts in 1842, exclusive of money borrowed,  
were from the Bank Tax, \$ 328,036.58

Auction Tax,	\$54,435.51
Interest on bank deposits,	1,836.65
Attorney for Suffolk County,	1,407.65
Proceeds of Lands in Maine,	2,414.72
County Treasurers,	850.30
Charles River Bridge,	15,237.41
Amount over allowed and refunded,	14.00
Miscellanies,	985.70
Probate Assessments,	10,580.45

Total of ordinary receipts, \$415,798.97

490,845.22

The expenditures in 1843 for ordinary purposes were 351,550.8"

139,294.35

State scrip redeemed in 1842, 94,137.00

Cash on hand for Charles River Bridge, 3,504.66

97,641.66

Cash on hand for ordinary purposes, January 1, 1843, 41,652.69

*Indebtedness of the Commonwealth, January 1, 1843.*

Funded Debt of 1839,	\$7,649.00
Do. do. 1842,	166,543.08
Charles River Bridge Debt,	25,000.00
Western Railroad Assessments,	1,015,548.58

Total for all purposes, 1,214,740.66

Credit of the State loaned to railroads, 5,050,000.00

Total liabilities of the State, 6,264,740.66

*Principal Expenditures in 1843.*

Pay of the Council, Senate, and Representatives,	\$64,132.00
Salaries established by law,	72,848.35
Balances to County Treasurers,	22,793.59
Militia Services,	25,241.00
Support of paupers, military and other accounts,	51,991.37
Interest on State Stock,	16,630.85
Interest on Scrip to Western Railroad,	27,525.00
Miscellaneous,	11,335.10
State Printing,	8,090.02

## RAILROADS IN MASSACHUSETTS AND THE ADJACENT STATES.

	Capital.	Receipts in 1842.	Current expenses in 1842.	Dividend for 1842, per cent.	Cost of construc'tn.	Length in miles.
	\$	\$	\$		\$	
Western Railroad,	7,000,000	512,688.28	266,619.30		7,566,791.57	156
Berkshire Railroad,†					205,000	21
Boston and Lowell,	1,800,000	278,310.68	131,012.70	8	1,978,286.09	26
Boston and Maine,	840,615.70	155,880.69	79,278.61	6	1,260,285.62	
Boston & Providence,	1,834,100	236,467.91	112,824.63	6	1,592,831.10	42
Boston & Worcester,	2,700,000	362,283.82	168,509.51	7	2,764,396.04	44
Charlestown Branch,	202,660	12,714.53	6,189.97		223,144.55	6
Eastern Railroad,	2,100,000	269,168.72	144,039.71	6	2,321,669.23	55
Norwich & Worcester,	2,150,000	157,358.57	122,130.32		2,158,561.93	59
Nashua and Lowell,	380,000	131,188.91	91,577.53	8	380,000	14
N. Bedford & Taunton,	400,000	55,775.06	23,354.87	6	426,122.45	21
Taunton Branch,	250,000	77,170.59	57,777.58	6		11

\* 4,000,000 of this capital is loaned by the State.

† Just completed.

‡ Including 11 months only.

§ \$500,000 of this is loaned by the State.

## COMMON SCHOOLS IN BOSTON.

The Primary Schools are under the direction of a Board selected from the citizens at large for that service, which is performed gratuitously. Within the last six months of 1842, the Primary Schools have received 1,968 visits, and 798 examinations. There are

104 Primary Schools, containing	6,541 pupils.
13 Grammar Schools, " "	6,608 "
1 English High School, " "	136 "
1 Latin School, " "	120 "

Total, . . . . . 13,405

in a population of 93,000 inhabitants. There are 37 male, and 166 female teachers. The charge for the support of the Public Schools for the financial year 1841-'2, exclusive of the expense of erecting a new school-house, was \$120,488, or \$8.98 per annum, for each pupil.

## BANKS OF MASSACHUSETTS.

[From the Report of the Bank Commissioners, January 1, 1843.]

In 1803 the Bank Capital of the Commonwealth was	\$2,225,262
From 1803 to 1816 it continually increased to	11,475,000
From 1816 to 1817 it was reduced to	9,298,050
From 1817 to 1820 it continually increased to	10,600,000
From 1820 to 1821 it was reduced to	9,800,000
From 1821 to 1829 it continually increased to	20,420,000
From 1829 to 1830 it was reduced to	19,295,000
From 1830 to 1837 it continually increased to	38,280,000
From 1837 to this time, December, 1842, it has been continually reduced to	31,390,000

In 1836, the Bank Capital of the Commonwealth amounted, according to the acts of incorporation, to \$40,380,000. But several of the banks chartered that year never went into operation; and in 1837, the capital of banks actually in operation, was \$38,280,000. This was the highest point, and since that time it has been continually decreasing.

The number of banks now in operation is 105; 24 of which are in the city of Boston, with a capital of \$17,110,000; and 81 out of Boston, with a capital of \$14,280,000; making the present amount of Bank Capital in this Commonwealth, \$31,390,000.

There has been paid into the treasury the present year, for taxes upon the bank capital, the sum of \$328,222 69.

## CONGRESSIONAL DISTRICTS.

## No. 1. Boston.

No. 2. Salem, Beverly, Danvers, Essex, Gloucester, Hamilton, Ipswich, Lynn, Lynnfield, Manchester, Marblehead, Middleton, Rockport, Saugus, Topsfield, Wenham, Chelsea, Malden, Medford, Stoneham, Reading, and South Reading.

No. 3. Amesbury, Andover, Boxford, Bradford, Georgetown, Haverhill, Methuen, Newburyport, Rowley, Salisbury, and West Newbury, in Essex county; and Billerica, Carlisle, Chelmsford, Dracut, Dunstable, Groton, Littleton, Lowell, Tewksbury, Tyngsboro', Westford, and Wilmington, in Middlesex county.

No. 4. Acton, Ashby, Bedford, Boxboro', Burlington, Cambridge, Charlestown, Concord, Framingham, Hopkinton, Lexington, Lincoln, Marlboro', Pepperell, Shirley, Somerville, Stow, Sudbury, Townsend, Waltham, Watertown, Wayland, West Cambridge, Weston, and Woburn, in the county of Middlesex; and Berlin, Bolton, Boylston, Fitchburg, Harvard, Lancaster, Leominster, Lunenburg, Northboro', Shrewsbury, Southboro', Sterling, and Westboro', in the county of Worcester.

No. 5. Worcester county, except the 13 towns mentioned above in District No. 4, and two towns, viz., Athol and Royalston, included in District No. 6.

No. 6. Amherst, Belchertown, East Hampton, Enfield, Granby, Greenwich, Hadley, Hatfield, Northampton, Pelham, Prescott, South Hadley, and Ware, in the county of Hampshire; Brimfield, Holland, Longmeadow, Ludlow, Monson, Palmer, Southwick, Springfield, Wales, Westfield, West Springfield, and Wilbraham, in the county of Hampden; Bernardston, Deerfield, Erving, Gill, Greenfield, Leverett, Montague, New Salem, Northfield, Orange, Shutesbury, Sunderland, Warwick, Wendell, and Whately, in the county of Franklin; and Athol and Royalston, in the county of Worcester.

No. 7. Berkshire county entire; Ashfield, Buckland, Charlemont, Coleraine, Conway, Hawley, Heath, Leyden, Monroe, Rowe, and Shelburne, in Franklin county; Chesterfield, Cummington, Goshen, Middlefield, Norwich, Plainfield, Southampton, Westhampton, Williamsburg, and Worthington, in Hampshire county; and Blanford, Chester, Granville, Montgomery, Russell, and Tolland, in Hampden county.

No. 8. All the towns in Norfolk county, together with the towns of Abington, North Bridgewater, Hingham, and Hull, in the county of Plymouth; and Brighton, Holliston, Natick, Newton, and Sherburne, in the county of Middlesex.

No. 9. The towns in the county of Plymouth, excepting Abington, Hingham, Hull, North Bridgewater, Rochester, and Wareham, together with the towns in the county of Bristol, excepting Dartmouth, Fairhaven, and New Bedford.

No. 10. The counties of Barnstable, Nantucket, Duke's county, and the towns of Fairhaven, New Bedford, Dartmouth, Rochester, and Wareham.

## V. RHODE ISLAND.

## GOVERNMENT

*For the Year ending the 1st Tuesday in May, 1844.*

			Salary.
JAMES FENNER,	of Providence,	Governor,	\$400
Byron Diman,	of Bristol,	Lieutenant-Governor,	200
Henry Bowen,	of Providence,	Sec. of State,	\$750 and fees.
Stephen Cahoon,	of Newport,	General Treasurer,	500
Joseph M. Blake,	of Bristol,	Attorney-General,	Fees.

By the new constitution, which was adopted November, 1842, and went into effect on the 1st Tuesday of May, 1843, the above officers, and the Senators and Representatives, are elected annually, on the 1st Wednesday of April, for the year commencing 1st Tuesday of May.

The Senate consists of the Governor, Lieutenant-Governor, and one Senator from each of the thirty-one towns in the State.

The House of Representatives consists of 69 members. The present ratio is one Representative to every 1,530 inhabitants, and fractions of more than half are represented. Each town is to have one, and no town more than 12, Representatives. By this rule, Providence has 12, Smithfield 6, Newport 5, Warwick 4, Scituate, Cumberland, and North Providence 3 each, North Kingstown, South Kingstown, Gloucester, Coventry, Bristol, Tiverton, Warren, Cranston, and Johnston, 2 each, and the other towns one each.

The qualifications of electors are as follows: Every male *native* citizen of the United States, who has resided in the State two years, and in the town where he proposes to vote six months, who has been registered at the town clerk's office at least seven days before the election, and who has paid within one year a tax of one dollar, or has been enrolled in a military company and done military duty at least one day within the preceding year, shall be entitled to vote; likewise, every male citizen (naturalized foreigner) of the United States, who, in addition to the preceding qualifications, possesses real estate in the town or city worth \$134 over all incumbrances, or which rents for \$7 *per annum*.

#### JUDICIARY.

The judiciary power is vested in a Supreme Court, and a Court of Common Pleas for each county. The Supreme Court has equity jurisdiction in cases of trusts, fraud, partition, partnership, waste, &c.

##### *Supreme Court.*

			Salary.
Job Durfee,	of Tiverton,	<i>Chief Justice,</i>	Entries and \$650
Levi Haile,	of Warren,	<i>Associate Justice,</i>	do. 550
William R. Staples,	of Providence,	<i>do.</i>	do. 550
George A. Brayton,	of Warwick,	<i>do.</i>	do. 550

By the new constitution, the Judges of the Supreme Court, instead of being elected annually, as heretofore, are to hold their offices until they are removed by a resolution passed by both Houses of the Assembly, and voted for by a majority of the members elected to each House. By an act of the Legislature, passed in June, 1843, the Courts of Common Pleas are completely reformed: The Court of Common Pleas in each of the five counties is to consist of a Justice of the Supreme Court, who is to sit as Chief Justice, and two Associate Justices, who are elected for each county. The Justice of the Supreme Court, who sits in the Common Pleas, is not to sit in the Supreme Court on appeals from his own decisions. The Associate Judges of the Common Pleas, Sheriffs, Clerks, &c., are elected annually by the Legislature.

## PUBLIC SCHOOLS.

By an act of the General Assembly, passed January, 1828, a permanent school fund was commenced, which was invested in bank stock, and now amounts to upwards of \$50,000. The sum of \$25,000 per annum is paid from the State treasury to the school committees of the several towns for the support of public schools. The interest of this State's portion of the deposit of the United States' surplus revenue, and also moneys arising from several other sources, are also applied to the support of public schools.

Abstract from the Annual Returns of Public Schools, made to the General Assembly in May, 1843:

Number of School Districts,	268	Number of Schools,	302
Do. Male Teachers,	247	Do. Female Teachers,	181
Do. Male Scholars,	11,960	Do. Female Scholars,	8,132
Average number of scholars attending,			14,328
Paid from the State Treasury for Free or Public Schools,			\$25,021.56
Paid by the towns for the same,			22,997.43
Expended for tuition,			42,944.29
Expended for fuel, rent, &c.,			5,898.55

Since 1838, regular returns have been required. The following is a comparative statement of a portion of these returns:

Year.	Scholars.		Expended for	
	Male.	Female.	Incidentals.	Instruction.
1839,	8,112	5,636	\$2,971 50	\$32,383 36
1840,	10,202	7,550	4,103 80	36,095 98
1841,	11,253	9,000	6,312 64	40,516 01
1842,	12,479	9,372	5,482 00	39,088 43
1843,	11,960	8,132	5,898 55	42,944 29

There is a literary institution at Providence, called the "Providence Athenæum," the library of which contains 9,693 volumes. Another, at Newport, called the "Redwood Library," contains 4,500 volumes.

## FINANCES.

[From Mr. E. R. Potter's Report to the General Assembly, June 33, 1843.]

The only debt due from the State is the old revolutionary debt, amounting to \$64,255. The expense of suppressing the insurrectionary movement in 1842 was \$102,949 63, which was defrayed from the United States "Deposit Fund." The permanent school fund, invested chiefly in shares of the Mechanics' and Globe Banks, amounts to \$55,711 42. The Surplus Revenue Deposit Fund, invested in loans to cities, bank stocks, &c., before the cost of the insurrection in 1842, was subtracted from it, amounted to \$362,335 30.

*Estimate of the Revenue applicable to pay the ordinary Expenses of the State.*

From the Bank Tax,	\$25,000.00
From Councils for Licenses,	2,000.00
Licenses to Pedlers,	1,500.00
Turnpike Tolls,	2,500.00
Justices of the Peace, for Fines, &c.,	250.00
Tax on Foreign Lottery Tickets,	400.00

*Estimate of the ordinary Expenditures of the State.*

Salaries of general officers, Judges, &c.,	3,600
Senators and Representatives,	6,000
Supreme Court, (above receipts for fines, costs, &c.,)	3,000
Common Pleas, (above receipts for fines, costs, &c.,)	2,500
Accounts allowed by the General Assembly, may be reduced to	7,000
State Prison, costs now about	6,500
Printing laws and schedules,	700
Interest of what the State has borrowed of the deposit fund,	6,700
Balance to make up the annual appropriation of \$25,000 for schools,	6,000

## CONGRESSIONAL DISTRICTS.

*Eastern District.* The towns of Newport, Middletown, Portsmouth, Tiverton, Little Compton, Bristol, Warren, Barrington, North Providence, Smithfield, Cumberland, and the city of Providence.

*Western District.* The towns of Burrillville, Gloucester, Scituate, Foster, Johnston, Cranston, East Greenwich, West Greenwich, Warwick, Coventry, North Kingstown, South Kingstown, Exeter, Richmond, Hopkinton, Charlestown, Westerly, Jamestown, and New Shoreham.

## VI. CONNECTICUT.

## GOVERNMENT

*For the Year ending on the 1st Wednesday in May, 1844.*

CHAUNCEY F. CLEVELAND, of Norwich, Governor,	Salary.
Wm. S. Holabird, of Winchester, Lieut. Gov. and Pres. Senate,	\$1,100
Jabez L. White, of Hartford, Treasurer,	300
Noah A. Phelps, do. Secretary,	1,000
Gideon Wells, do. Comptroller,	\$84 and fees.
Seth P. Beers, of Litchfield, Commissioner of the School Fund,	1,000
Noyes Billings, of New London, Speaker of the House.	1,250
Nathan I. Wilcoxson, of Oxford, } Clerks of the House.	
Robinson S. Hinman, }	

A plurality of votes elects state senators and members of Congress. For all other officers a majority is necessary.

## JUDICIARY.

*Supreme and Superior Court.*

Thomas S. Williams,	of Hartford,	<i>Chief Justice,</i>	\$1,100
Samuel Church,	of Salisbury,	<i>Associate Justice,</i>	1,050
Henry M. Waite,	of Lyme,	<i>do.</i>	1,050
William L. Storrs,	of Middletown,	<i>do.</i>	1,050
Joel Hinman,	of Waterbury,	<i>do.</i>	1,050
Thomas Day,	of Hartford,	<i>Reporter,</i>	350

The State owes no debt, and has, beside the School Fund, productive bank stock amounting to \$400,000.

## FINANCES FOR 1842-43.

Balance in Treasury, April 1, 1842,	\$19,878.81
Avails of State tax of one cent on the dollar of Grand List,	36,500.00
Dividend on Bank Stock owned by the State,	26,798.00
Avails of Courts, forfeited Bonds, &c.,	3,980.22
Pedlers' licenses, auction duties, &c.,	2,542.35
Interest on School Fund,	118,753.37

*Principal Expenditures from March 31st, 1842, to April 1st, 1843.*

Pay of members, and contingent expenses of General Assembly,	\$21,930.48
Salaries of Executive Officers,	3,184.00
Clerks, and contingent expenses of State offices, about	4,000.00
Salaries of Judges, and Reporter of Supreme and County Courts,	8,350.00
Judicial expenses,	31,336.35
Salary of Directors of State Prison,	300.00
Support of State paupers,	1,500.00
Do. of pupils at Blind Asylum, Boston,	495.35
Do. do. at American Asylum, Hartford,	1,825.16
Do. of insane Poor, at the Retreat, Hartford,	330.81
Payments to County Agricultural Societies,	1,135.50
Printing Geological Report,	1,512.00
Support of Common Schools, (payable out of School Fund,)	116,632.15
Expenses of managing School Fund, do. do. do.	2,121.22
Balance in the Treasury, March 31, 1843,	23,105.30
Do. of interest on School Fund, undivided,	28,900.00
Ordinary expenses of the Government, exclusive of appropriations to Schools,	72,000.00



*Permanent Funds.*

Bank Stock, for the current expenses of Government,	\$400,000.00
School Fund, appropriated exclusively to the support of Common Schools,	2,044,354.87
Town Deposit Fund, one half of the income appropriated by law to common schools, and the other half may be ap- plied to schools, or to the expenses of the towns,	764,870.61

*History and Condition of the School Fund.*

In 1795, the General Assembly authorized a Committee of eight persons to sell the lands, (called the Western Reserve,) which Connecticut had reserved in its deed of cession to the United States, and to appropriate the avails to a perpetual fund for the support of common schools. The sales amounted to \$1,120,000. The management of the fund continued, till 1800, in the hands of the committee, when it was transferred to a "Board of four Managers," of which the treasurer of the State was, *ex officio*, a member. In 1810, it was found that the interest was largely in arrears, and that the capital itself was likely to suffer material diminution, from the insolvency and insufficient securities of the holders. The Legislature promptly applied the remedy, by substituting a single commissioner of the highest character for public services and of tried integrity in place of an unwieldy Board. The Hon. James Hillhouse, then a member of the United States Senate, was appointed. Without a single litigated suit, or a dollar paid for counsel, he reduced the disordered management to an efficient system, disentangled its affairs from loose personal securities and indebted estates, made it productive of a large, regular, and increasing dividend, and converted its doubtful claims into well secured and solid capital. During the fifteen years of his administration, the capital was augmented to \$1,719,434.24, and the dividend increased from \$45,000 to \$72,418.30, or an average of \$52,061.35 a year. In 1825, Mr. Hillhouse resigned, and the present incumbent, the Hon. Seth P. Beers, was appointed Commissioner, who has pursued substantially the policy of his predecessor. During the 18 years of his administration, the capital has been augmented to \$2,044,354.87, and the annual dividends to \$118,496.00, or to \$1.40 for every child between the ages of 4 and 16. The entire sum divided during the 46 years, since the first division was made, is \$2,845,204.73, or \$800,000 more than the original capital.

The Fund now consists of contracts, bonds, and mortgages, in Connecticut, amounting to	\$702,832.39
Contracts, bonds, &c., in New York,	592,996.04
Do. do. do. other States,	400,692.54

Bank stock, . . . . .	26,700.00
Cultivated lands and buildings, . . . . .	79,909.00
Wild lands, . . . . .	47,460.26
Stock on farms in Massachusetts, . . . . .	210.00
Cash in Treasury, . . . . .	5,654.64
<hr/>	
Total amount, . . . . .	\$2,044,354.87

*Deaf and Dumb Asylum at Hartford.*

The number of pupils under instruction the past year has been 123, of whom 24 were beneficiaries of Maine, 14 of New Hampshire, 18 of Vermont, 24 of Massachusetts, 17 of Connecticut, 3 of South Carolina, and 2 of Georgia. The remainder, 21 in number, were at the expense of individuals. But one death has occurred during the year. The annual charge of a pupil is, in consequence of the large funds of the institution, the small sum of \$100. The cost of maintaining the Asylum for the past year was \$32,000.

*Hartford Retreat for the Insane.*

The expenses for the last year have been \$20,015; receipts, \$19,757.

At the beginning of the year, ending 31st March, 1842, the number of patients at the Retreat was as follows :

	Men.	Women.	Total.
Admitted during the year, . . . . .	41	42	83
Total number during the year, . . . . .	45	51	96
Discharged, recovered, . . . . .	86	93	179
Improved, . . . . .	27	29	56
Unimproved, . . . . .	6	10	16
Dead, . . . . .	6	3	9
Dead, . . . . .	6	2	8
Remaining at the Retreat, . . . . .	41	49	90

*Connecticut State Prison.*

It appears from the annual State Prison Report, that 54 convicts were received during the year ending March 31, 1843; and during the same time 51 were discharged by expiration of sentence, three by pardon, and 8 have died. Whole number of prisoners at the above date, 203. Of these, 48 are black, and 19 are females. Of the males, 112 are employed under contract, as follows, viz.: 12 at making rules, 25 on chairs, 50 on table cutlery, and 25 on shoes. On account of the State, 12 are engaged in making wrought nails; 42 on chairs; and 18 on sundries. The females are employed as follows, viz.; 7 in making palm-leaf hats; 4 in making and mending prisoners' clothes, and 7 in cooking, washing, &c.

Income of the Prison in 1842,	\$18,089.40
Expenses,	12,020.15
Excess paid into the Treasury,	6,069.25

## CONGRESSIONAL DISTRICTS.

- No. 1. Hartford and Tolland counties.  
 No. 2. New Haven and Middlesex.  
 No. 3. New London and Windham.  
 No. 4. Litchfield and Fairfield.

## VII. NEW YORK.

## GOVERNMENT.

WM. C. BOUCK,	Governor, (term expires Jan. 1, 1845.)	Salary.
		\$4,000
D. S. Dickinson,	{ Lieut Gov. and Pres. Senate; pay, \$6 }	
	{ a day during the session. }	
Azariah C. Flagg,	Comptroller,	2,500
Samuel Young,	Sec. State and Superint. Common Schools,	2,500
Philip Phelps,	1st Deputy Comptroller,	1,500
Thos. Farrington,	Treasurer,	1,500
John Willard,	Deputy Treasurer,	1,300
George P. Barker,	Attorney-General,	1,000
Nathaniel Jones,	Surveyor-General,	1,000
Jonas Earll, Jr.,	of Syracuse, Act. Canal Commis. (Pres't.)	2,000
James Hooker,	of Poughkeepsie, do. do.	
Stephen Clark,	of New York, do. do.	
Geo. W. Little,	of Cherry Valley, do. do.	2,000
Daniel P. Bissell,	of Moscow, do. do.	2,000
Benjamin Enos,	of De Ruyter, do. do.	2,000

The office of Bank Commissioner has been abolished; although the Comptroller is authorized in special cases to appoint commissioners with the same powers that the Bank Commissioners exercised.

*Legislature.*

The *Senate* consists of 32 members, who are elected for 4 years, 8 being chosen annually. Pay, \$3 a day.

The *House of Assembly* consists of 128 members. Pay, \$3 a day.

George R. Davis, of Troy,

*Speaker of the Assembly.*

H. V. Wales,

*Clerk of the Assembly.*

## JUDICIARY.

*Court of Chancery.*

			Salary.
Reuben H. Walworth,	of Saratoga Springs,	<i>Chancellor,</i>	\$3,000
John M. Davison,	of Albany,	<i>Register,</i>	2,500
		[and \$2,500 for clerk hire and office expenses.	
Hiram Walworth,	of New York,	<i>Assistant Register,</i>	3,000
		[and \$5,000 for clerk hire and office expenses.	
Alonzo C. Paige,	of Schenectady,	<i>Reporter,</i>	500

*Vice-Chancellor's Court.*

			Salary.
Wm. T. McCoun,	of N. York,	1st Circuit, <i>Vice-Chan. fees and</i>	\$2,000
Lewis H. Sanford,	do.	1st Circuit, <i>Assistant Register,</i>	2,500
F. Whittlesey,	of Rochester,	8th Circuit, <i>Vice-Chancellor,</i>	1,600
[The other judges are Vice-Chancellors for their respective Circuits.]			

*Supreme Court.*

			Salary.
Samuel Nelson,	of Cooperstown,	<i>Chief Justice,</i>	\$3,000
Greene C. Bronson,	of Albany,	<i>Associate Justice,</i>	3,000
Esek Cowen,	of Saratoga Springs,	<i>do.</i>	3,000
Nicholas Hill, Jr.,	of Albany,	<i>Reporter,</i>	500

*Circuit Courts.*

There are eight Circuit Courts, with eight judges, and the circuits correspond, in territory and name, to the eight senate districts.

Judges.	Circuits.	Residence.	Salary.
William Kent,	1st Circuit,	New York,	\$1,600
Charles H. Ruggles,	2d "	Poughkeepsie,	1,600
John P. Cushman,	3d "		1,600
John Willard,	4th "	Saratoga Springs,	1,600
Philo Gridley,	5th "	Hamilton,	1,600
Robert Monell,	6th "	Greene,	1,600
Daniel Moseley,	7th "	Onondaga,	1,600
Nathan Dayton,	8th "	Lockport,	1,600

*Superior Court of the City of New York.*

		Salary.
Samuel Jones,	<i>Chief Justice,</i>	\$2,500
Aaron Vanderpoel,	<i>Associate Justice,</i>	2,500
Thomas J. Oakley,	<i>do.</i>	2,500
J. P. Hall, <i>Reporter.</i>	Jesse Oakley, <i>Clerk.</i>	

### Courts of Common Pleas.

Courts of Common Pleas are held in each county in the State, consisting of a first or presiding judge, and four assistant justices.

### MANUFACTURE OF SALT.

*A Table showing the amount of Salt inspected annually in the County of Onondaga, from 1826 to 1842, both inclusive, and the amount of duties on the same.*

Date.	No. of bushels	Am't of Duties.	Date.	No. of bushels.	Am't of Duties.
1826	827,508	\$103,438.50	1835	2,209,867	\$132,592.02
1827	983,410	122,926.25	1836	1,912,858	114,771.48
1828	1,160,888	145,111.00	1837	2,161,287	129,677.22
1829	1,291,280	161,410.00	1838	2,575,032	154,501.92
1830	1,435,446	179,430.75	1839	2,864,718	171,883.08
1831	1,514,037	189,254.38	1840	2,622,305	157,338.30
1832	1,652,985	206,660.62	1841	3,340,769	200,446.14
1833	1,838,646	229,580.75	1842	2,291,903	137,514.18
1834	1,943,252	116,595.12	Total,	32,626,191	2,653,131.71

### CANALS.

[From the Annual Report of the Commissioners of the Canal Fund, made April 8, 1843.]

The total tonnage of all the property transported on the canals, ascending and descending, its value, and the amount of tolls collected for the six years preceding, are as follows, viz:

Year.	Tons.	Value.	Tolls.
1836,	1,310,807	\$67,634,343	\$1,614,342 46
1837,	1,171,296	55,809,288	1,292,623 38
1838,	1,333,011	65,746,559	1,500,911 07
1839,	1,435,713	73,399,764	1,616,382 02
1840,	1,416,046	66,303,892	1,775,747 57
1841,	1,521,661	92,202,929	2,034,882 82
1842,	1,236,931	60,016,608	1,749,196 00

The total tons coming to tide water, for each of the last nine years, and the aggregate value thereof in market, were as follows, viz:

Year.	Tons.	Value.
1834,	553,596	\$13,405,022 00
1835,	753,191	20,525,445 00
1836,	696,347	26,932,470 00
1837,	611,781	21,822,354 00
1838,	640,481	23,038,510 00
1839,	602,128	20,163,199 00
1840,	669,012	23,213,573 00
1841,	774,334	27,225,322 00
1842,	666,626	22,751,013 00

The following statement shows the whole quantity of wheat and flour that came to the Hudson river from 1834 to 1842 inclusive, with the aggregate market value of the same, and the amount of tolls (so far as ascertained,) received on all the wheat and flour transported on the canals in each year, from 1837 to 1842 inclusive.

Year.	Tons.	Value.	Tolls.
1834,	130,452	\$5,719,795	Not ascertained.
1835,	128,552	7,395,939	do.
1836,	124,982	9,796,540	do.
1837,	116,491	9,640,156	\$301,739 00
1838,	133,080	9,883,586	380,161 00
1839,	124,683	7,217,841	404,525 00
1840,	244,862	10,362,862	700,071 00
1841,	201,360	10,165,355	621,046 00
1842,	198,231	9,284,778	606,727 00

The amount of tolls received on each canal during the season of transportation in 1842, was as follows:

Erie Canal,	\$1,568,946.56	Chenango Canal,	\$13,615.38
Champlain do.,	95,957.54	Genesee Valley do.,	13,204.11
Oswego do.,	31,222.19	Oneida Lake do.,	462.63
Cayuga and Seneca do.,	16,948.16	Seneca River towing path,	149.51
Chemung do.,	7,702.05		
Crooked Lake do.,	989.39	Total amount received,	1,749,197.52

There is a diminution in the tolls, compared with the year 1841, of \$285,685, of which \$130,921 is on descending, and the remainder on ascending freight. The whole number of tons of all descriptions of property, which moved on the canals during the year 1842, was 1,236,931; and the total value of this property was \$60,016,608.

#### FINANCES.

[From the Annual Report of the Comptroller, made Jan. 11, 1843.]

#### Debt of the State.

General Fund and Railroad Debts.	Principal.	Annual interest.
At $4\frac{1}{2}$ per cent. interest,	\$587,700 00	\$26,446 50
At 5 per cent. interest,	1,248,331 27	62,416 56
At $5\frac{1}{2}$ per cent. interest,	1,628,000 00	89,540 00
At 6 per cent. interest,	1,170,000 00	70,200 00
At 7 per cent. interest,	490,358 28	34,325 08
	<b>\$5,124,389.55</b>	<b>\$282,928.14</b>

Canal Debts.	Principal.	Annual interest.
At 5 per cent. interest,	\$14,998,764 12	\$749,938 20
At 6 per cent. interest,	1,337,388 06	80,243 28
At 7 per cent. interest,	3,264,436 00	228,510 52
Pays no interest, (6's of '37,)	12,771 27	
Total canal debts,	\$19,613,359 45	\$1,058,692 00
Total treasury debt,	5,124,389 55	282,928 14
Aggregate,	\$24,737,749 00	\$1,341,620 14

The contingent debt of the State, that is, the stock issued on the faith of the people and loaned to railroad and canal companies, is as follows :

	Redeem- able.	Rate of interest.	Amount.
Delaware and Hudson Canal Co.	1847	5 prct.	\$500,000
Delaware and Hudson Canal Co.	1848	4½ "	300,000
Auburn and Syracuse Railroad Co.	"	5 "	200,000
Auburn and Rochester Railroad Co.	"	5½ "	200,000
Long Island Railroad Co.	"	6 "	100,000
Hudson and Berkshire Railroad Co.	1865	5½ "	150,000
Tioga Coal Company,	"	5½ "	70,000
Tonawanda Railroad Company,	"	5½ "	100,000
Schenectady and Troy Railroad Co.	1867	6 "	100,000
			\$1,720,000

### *Ordinary Receipts and Expenditures.*

The whole amount of receipts into the Treasury, from ordinary sources of revenue, during the year ending Sept 30th, 1842, (excluding temporary loans,) was \$643,275 95; of which the principal items were as follows :

Vendue Duty,	\$200,284 52
Salt Duty,	114,966 99
Register and Clerk fees,	40,279 59
Surplus from Canal Fund,	200,000 00
Banking Associations, (Act of 1838,)	21,023 08
Arrears of County Taxes,	27,578 10

The whole amount of expenses "annual in their nature," during the same period, was \$647,958 77; of which the chief items were as follows :

Salaries of Officers,	\$50,216 11
Legislature,	106,214 67
Clerks in Court and Chancery,	40,930 62

Interest, . . . . .	227,234 44
Printing for the State, . . . . .	50,310 73
Support of the Deaf and Dumb, . . . . .	15,444 71
Hospital, New York, . . . . .	16,875 00
Foreign Poor, in New York, . . . . .	10,000 00
State Prison Expenses, . . . . .	10,142 69
Court of Errors, . . . . .	19,103 90

*Comparative Statement of the Valuation of Real and Personal Estate, and the Amount of Taxes, from 1835 to 1842.*

Year.	Real Estate.	Personal Estate.	Total valuation.	Total am't of taxes.
1835,	\$403,166,094	\$128,526,103	\$531,692,197	\$2,131,947 53
1836,	539,756,874	132,615,613	672,372,487	2,502,463 73
1837,	498,430,054	122,021,033	620,451,087	2,703,914 69
1838,	502,864,006	124,680,778	627,544,784	2,860,476 75
1839,	519,058,792	131,602,988	650,661,770	3,148,931 54
1840,	517,723,170	121,447,830	639,171,000	3,088,408 22
1841,	531,987,886	123,311,644	655,299,530	3,173,355 97
1842,	504,254,029	116,595,233	620,849,262	4,246,487 78

*Condition of the Banks.*

	Jan. 1, 1842, 90 chartered, and 43 free banks.	Jan. 1, 1843, 85 chartered and 46 free banks.	Aug. 7, 1843, 87 chartered and 44 free banks.
Capital,	\$45,283,453	\$43,950,137	\$43,019,577
Loans and Discounts,	56,338,685	52,348,467	58,593,081
Circulation,	14,559,993	12,031,871	14,520,843
Deposits,	17,186,527	19,100,415	24,679,230
Specie,	5,471,694	8,477,076	14,091,779

*City of New York Debt.*

The whole amount of this debt is	\$13,697,323
Less amount due on stocks in the Sinking Fund,	965,805

Actual Debt, \$13,731,518

The chief item in this debt is the Water Loan, which, deducting the sum held by the Sinking Fund, amounts to \$11,358,624.

The annual interest on this debt exceeds \$732,000, or 3 1-10 mills on each dollar of the assessed property.



*Inspection of Flour, Meal, &c.*

The following statement of inspections, &c., in the city of New York, is taken from the returns made by the inspector-general to the legislature :

		Inspected.	Value.
Flour and Meal,	bls.	1,910,380	\$10,033,553 36
Beef,	"	28,447	152,702 90
Pork,	"	155,129	990,671 25
Pot Ashes,	lbs.	15,165,030	801,695 09
Pearl Ashes,	"	8,806,940	224,693 42
Grain,	bush.	2,735,398	1,529,851 17
Green Hides and Skins,		4,845,893	246,515 00
Flax Seed,	bush.	26,446	36,363 25
Fish,	lbs.	1,005	4,375 50
Fish or Liver Oil,	bls.	1,064	13,747 09
Leaf Tobacco,	hhds.	8,919	800,514 00
Hops,	lbs.	1,307,863	134,996 86
Stone,	yards.	1,100	1,125 11
Sole Leathers,	lbs.	12,530,374 $\frac{1}{2}$	1,983,215 65
Domestic Spirits,	gal.	2,514,056	477,671 45
Staves and Headings,		3,892,818	114,501 08
Wood,	cords.	6,131	15,441 90
Lumber,	feet.	30,477,488	271,527 60
Total value of articles inspected in 1842,			17,931,660 70
Total value of articles inspected in 1841,			23,121,878 70
Decrease in value since 1841,			5,190,217 92

*Common Schools.*

[Compiled from the Annual Report of the Superintendent, Jan 13, 1843.]

Whole number of school districts,	10,893
Number of Districts that have made reports,	10,645
No. of children from 5 to 16 years old, in these districts,	*601,765
do. do. who have attended the public schools,	*571,130
do. do. attending public schools in the city of N. Y.,	27,619
do. do. actually attending when the schools were visited,	†280,076
Amount of public money paid to the teachers,	\$588,506 32
do. do. paid for school libraries,	\$98,290 47
do. paid to teachers besides the public money,	\$468,688 22
No of incorporated select and private schools,	596
Average No. of pupils in these schools,	30,709
No. of male teachers,	†4,152
No. of female teachers,	†4,890
No. of teachers under 18 years of age,	†903

\*Excluding the city of New York, from which no returns on this head have been received.  
† Partly from estimate. ‡ Not including all the counties.

Average monthly pay of teachers,	{ Males, . . . . .	\$17-
	{ Females, . . . . .	\$7
No. of School-houses in good repair,	. . . . .	3,426
do. do. in bad or indifferent repair,	. . . . .	2,676
Productive capital of the Common School Fund,	. . . . .	\$1,968,290 72

## CONGRESSIONAL DISTRICTS.

- |  |                                   |
|--|-----------------------------------|
| 1. Suffolk and Queens counties.                                | 17. Herkimer and Montgomery.      |
| 2. Richmond and Kings  | 18. St. Lawrence and Lewis.       |
| 3. 1st, 2d, 3d, 4th, and 5th wards of N.Y. city                | 19. Jefferson.                    |
| 4. 6th, 7th, 10th, and 13th wards do.                          | 20. Oneida.                       |
| 5. 8th, 9th, and 14th wards do.                                | 21. Otsego and Schoharie.         |
| 6. 11th, 12th, 15th, 16th, and 17th do.                        | 22. Chenango, Broome, and Tioga.  |
| 7. Westchester and Rockland counties.                          | 23. Madison and Oswego.           |
| 8. Putnam and Dutchess.  | 24. Onondaga.                     |
| 9. Orange and Sullivan.  | 25. Cayuga and Cortland.          |
| 10. Ulster and Delaware.                                       | 26. Tompkins, Chemung, and Yates. |
| 11. Columbia and Greene.                                       | 27. Seneca and Wayne.             |
| 12. Rensselaer.  | 28. Monroe.                       |
| 13. Albany.  | 29. Ontario and Livingston.       |
| 14. Washington and Essex.                                      | 30. Steuben and Alleghany.        |
| 15. Clinton, Franklin, Warren, and north part of Hamilton.     | 31. Cattaraugus and Chatauque.    |
| 16. Saratoga, Schenectady, Fulton, and south part of Hamilton. | 32. Erie.                         |
|  | 33. Wyoming and Genesee.          |
|  | 34. Orleans and Niagara.          |

## VIII. NEW JERSEY.

## GOVERNMENT.

		Salary.
WILLIAM PENNINGTON, of Newark, Governor, and ex officio		
Chancellor of State, (term of office expires, Oct. 1844,)		\$2,000
[and fees as Chancellor.		
William Chetwood, of Essex Co.	V. Pres. of Leg. Council,	3.50 a day.
Ch. G. McChesney, of Trenton,	Secretary of State,	50 and fees.
Samuel B. Halsey, of Morris Co.	Speaker of Ho. of Assembly,	3.50 a day.
Alex. G. Cattell, of Salem,	Clerk of do.	3.50 a day.
Ch. G. McChesney, of Trenton	Clerk of Leg. Council,	3.50 a day.
Isaac Southard do.	Treasurer. (elec. yearly.)	1,000
Saml. R. Gummere, do.	Clerk in Chancery.	Fees.

## CONGRESSIONAL DISTRICTS.

1. Cumberland, Gloucester, Atlantic, Salem, and Cape May counties.
2. Burlington, Monmouth, and Mercer.
3. Hunterdon, Warren, and Sussex.
4. Somerset, Middlesex, and Morris.
5. Essex, Hudson, Bergen, and Passaic.

## JUDICIARY.

*Court of Appeals and Pardons.*

The Court is composed of the Governor, who is, *ex officio*, *President Judge*, and 18 *Associate Judges*; that is, it consists of the Governor and the Legislative Council, which is composed of one member for each county. This Court holds two terms annually, at Trenton.

*Court of Chancery.*

The Governor of the State is *Chancellor*; and this Court holds four terms annually at Trenton, on the 3d Tuesday in January, 1st Tuesday in April, 2d Tuesday in July, and 2d Tuesday in October.

*Supreme Court.*

		Term expires.	Salary.
Jos. C. Hornblower, of Newark,	<i>Chief Justice.</i>	1846	\$1,500
Ira C. Whitehead, of Morristown,	<i>Associate Justice,</i>	1848	1,400
John Moore White, of Woodbury,	<i>do.</i>	1844	1,400
Daniel Elmer, of Bridgeton,	<i>do.</i>	1848	1,400
James S. Nevius, of New Brunswick,	<i>do.</i>	1845	1,400
James Wilson, of Trenton,	<i>Clerk,</i>	1847	Fees.
Robert E. Spencer, of Mount Holly,	<i>Reporter,</i>	1847	200
George P. Molleson, of New Brunswick,	<i>Attorney General,</i>	1846	Fees & 80

The Judges are appointed by the legislature; those of the Supreme Court for seven years; those of the Inferior Courts, for five years.

The Supreme Court holds four terms each year at Trenton; on the last Tuesday in February, 2d in May, 1st in September, and 2d in November; and the judges of this court hold Circuit Courts and Courts of Oyer and Terminer four times a year in each county, except the counties of Atlantic and Cape May, in which two terms only are held. Inferior Courts of Common Pleas are held four times in a year in each county, by judges appointed by the legislature, who receive no salary, and the number of whom is not limited by any law.

## COMMON SCHOOLS.

School fund in 1841,	\$336,068.66
Do. in 1842,	344,495.63
Increase,	\$8,426.97

There are in the State about 1,500 School Districts.

No. of Townships in the State,	144
Do. do. which have made returns,	102
No. of Districts returned,	1,035

No. of children in the returned Districts,	69,618
Average No. months schools were kept,	8
Average tuition each per quarter,	\$1.99
Money received from Township Collectors,	\$57,477

The sum of \$30,000 was duly distributed to the several county collectors from the income of the State Fund, according to the subjoined table.

Atlantic received, \$349.50	Expended more than received,	\$566.26
Bergen, " 1,000.50	" more, " "	420.87
Burlington, " 2,857.50	" more, " "	3,731.37
Cape May, " 484.50	" more, " "	211.89
Cumberland, " 1,189.50	" more, " "	2,549.35
Essex, " 2,664.00	" less, " "	555.54
Gloucester, " 2,184.00	" more, " "	4,474.86
Hudson, " 615.00	" less, " "	321.79
Hunterdon, " 2,326.50	" more, " "	747.05
Mercer, " 1,710.00	" more, " "	1,125.85
Middlesex, " 2,049.00	" more, " "	1,043.55
Monmouth, " 2,793.00	" more, " "	3,001.06
Morris, " 2,352.00	" more, " "	4,711.78
Passaic, " 768.00	" more, " "	106.38
Salem, " 1,617.00	" more, " "	2,808.38
Somerset, " 1,882.50	" more, " "	77.29
Sussex, " 1,518.75	" more, " "	954.00
Warren, " 1,638.75	" more, " "	2,003.71

The whole amount of moneys paid by the township collectors to the trustees of districts in townships, from which reports have been received, is \$57,477.09. Estimating the amount received from the State in those townships at \$20,000.00, it would follow that in the townships and portions of districts from which reports have been received, the inhabitants have raised \$37,477.09; making for every dollar received from the State, \$1.87 and  $\frac{3}{8}$  cents raised by the inhabitants.

#### FINANCES.

[From the Treasurer's Report for the year ending Oct. 15, 1842.]

<i>Receipts.</i>		<i>Expenditures.</i>	
Temporary loans,	\$39,000.00	Loans and interest,	\$43,523.68
Interest on bonds,	1,020.00	Legislature,	25,446.43
Dividends, canals, &c.,	12,000.00	Salaries of officers, judges,	14,100.00
Transit duties,	32,637.58	Other expenses,	31,758.49
State Tax,	30,000.00	Balance in Treasury,	10,871.54
Incidental Receipts,	770.00		
Balance from 1841,	7,422.56		\$125,700.14
State Prison earnings,	1,600.00		
Tax on capital stock,	1,250.00		
20*			

## IX. PENNSYLVANIA.

## GOVERNMENT.

		Salary.
DAVID R. PORTER, <i>Governor</i> , (term of office expires on the 3d Tuesday in January, 1845.)		\$4,000
Charles McClure,	of Cumberland Co., <i>Sec. of State, and Superintendent of Common Schools,</i>	1,700
Vacant,	<i>Deputy Secretary of State,</i>	1,000
Job Mann,	<i>State Treasurer,</i>	1,400
William F. Packer,	<i>Auditor-General,</i>	1,400
Jacob Sallada,	<i>Surveyor-Gen., and Sec. of the Land Office,</i>	1,200
Thomas J. Rehner,	<i>Deputy Surveyor-General,</i>	1,000
Richard M. Crain,	<i>Deputy Secretary of the Land Office,</i>	1,100
Adam Diller,	<i>Adjutant-General,</i>	300
Henry D. Rogers,	<i>State Geologist,</i>	2,000
William Bigler,	<i>Speaker of the Senate.</i>	
Hendrick B. Wright,	<i>Speaker of the House of Representatives.</i>	
John B. Butler,	} <i>Canal Commissioners.</i>	
Levi Reynolds,		
William Overfield,		

After the 3d Tuesday in January, 1845, the salary of the Governor will be \$3,000.

## JUDICIARY.

*Supreme Court.*

		Salary.
John B. Gibson,	<i>Chief Justice,</i>	\$3,666.67
Molton C. Rogers,	<i>Associate Justice,</i>	2,400.00
Charles Huston,	<i>do.</i>	2,400.00
John Kennedy,	<i>do.</i>	2,400.00
Thomas Sergeant,	<i>do.</i>	2,400.00
Ovid F. Johnson,	<i>Attorney-General,</i>	\$300 and fees.
Joseph S. Cohen,	<i>Prothonotary for the East District,</i>	Fees.
Abner L. Pentland,	<i>do. West do.</i>	do.
P. C. Sedgewick,	<i>do. Middle do.</i>	do.

The Judges of the Supreme Court receive, in addition to their salaries, \$4.00 a day, "while on the circuits, as a full allowance for travelling expenses." By a law passed in 1843, the salaries of those *who succeed* the present incumbents will be as follows: Chief Justice, \$1,800, Associate Justices, \$1,600; and in addition, \$3 a day while on the circuits.

They hold court in bank, once a year, in four several districts;—1st, for the Eastern District, at Philadelphia; 2d, for the Middle District, at Harrisburg; 3d, for the Northern District, at Sunbury; 4th, for the Western District, at Pittsburg.

### *District Courts.*

There are four District Courts in the State, which are invested with the civil jurisdiction of the Common Pleas, in their respective Districts, in all cases exceeding a certain amount.

#### *District Court for the City and County of Philadelphia.*

		Salary.
Thomas M'Kean Pettit,	<i>President Judge,</i>	\$2,000
George M. Stroud,	<i>Judge,</i>	2,000
Joel Jones,	<i>do.</i>	2,000
E. C. Dale,	<i>Prothonotary.</i>	

#### *District Court for the City and County of Lancaster.*

		Salary.
Alexander Hayes,	<i>Judge,</i>	1,600

#### *District Court for the County of Alleghany.*

		Salary.
Robert C. Grier,	<i>President Judge,</i>	2,000
Charles Shaler,	<i>Judge,</i>	2,000

#### *District Court for the Counties of Erie, Crawford, Venango, Warren, and Mercer.*

		Salary.
James Thompson,	<i>Judge,</i>	2,000

### *Courts of Common Pleas.*

The State is divided into the 20 following Judicial Districts, for the sessions of the Court of Common Pleas. The President Judge of the District of Philadelphia and the Associate Judges have each a salary of \$2,600. The President Judges, in all the other districts, have each a salary of \$2,000, and their Associates \$120.

Districts.	President Judges.
1. Philadelphia,	Edward King.
James Campbell, John R. Jones, and Anson V. Parsons.	
	<i>Associate Judges.</i>
2. Lancaster,	Ellis Lewis.
3. Berks, Northampton, and Lehigh,	John Banks.
4. Centre, Clinton, and Clearfield,	Geo. W. Woodward.
5. Alleghany,	Benjamin Patton.
6. Erie, Crawford, Venango, and Warren,	Gaylord Church.

7. Bucks and Montgomery,	Thomas Burnside.
8. Northumberland, Lycoming, and Columbia,	Charles Donnell.
9. Cumberland, Perry, and Juniata,	Samuel Hepburn.
10. Westmoreland, Indiana, Armstrong, and Cambria,	Thomas White.
11. Susquehanna, Munroe, Wyoming, Wayne, and Pike,	William Jessup.
12. Dauphin, Lebanon, Schuylkill, and Carbon,	Nat. B. Eldred.
13. Luzerne, Bradford, and Tioga,	J. N. Conyngham.
14. Washington, Fayette, and Greene,	Nathaniel Ewing.
15. Chester and Delaware,	Thomas S. Bell.
16. Franklin, Bedford, and Somerset,	Jeremiah S. Black.
17. Beaver, Butler, and Mercer,	John Bredin.
18. Porter, McKean, Warren, Jefferson, and Elk,	Alex. McCalmont.
19. York and Adams,	Daniel Durkee.
20. Huntingdon, Mifflin, and Union,	Abraham S. Wilson.

## FINANCES.

[From the Report of the Auditor-General, January 2, 1843.]

The total receipts during the year ending November 30, 1842, including a balance of \$1,110,884.25, on hand from the last year, were \$3,890,540.64. The principal items were as follows:

Loans,	\$934,764.83	Tax on stocks,	\$37,058.29
Auction Duties, &c.,	77,287.38	" real and pers. estate,	486,635.85
Dividends on stocks,	35,778.79	Tavern licenses, &c.,	50,275.59
Tax on Bank dividends,	44,950.50	Tolls, canal, and railroad,	907,093.12
Collateral inherit. tax,	38,717.44	Retailers' licenses,	84,178.57

The payments during the year amounted to \$3,336,359.51; leaving a balance, December 1, 1842, of \$554,181.13. The chief items of expenditure were as follows:

Commissioners of Internal Improvement fund,	\$1,987,353.29	Common schools,	247,606.55
Domestic creditors,	209,589.43	Loans paid,	221,394.33
Pensions and gratuities,	44,151.66	Interest on other loans,	44,767.79
Government expenses,	329,337.61	Colleges, academies, &c.,	46,077.06

In 1841, the assessed value of real estate, horses, cattle, &c., was \$343,687,422; of personal property, \$24,969,566. The State tax was assessed at \$582,828.53.

## DEBTS AND PROPERTY.

In the annual message of Governor Porter to the Legislature, January, 1843, it is stated, that "the whole amount of the present funded debt of the State, exclusive of the deposit of the surplus revenue, is \$37,937,788.24."

This debt has been contracted for the following purposes, viz.:

For canals and railways, . . . . .	\$30,533,629 15
To pay interest on public debt, . . . . .	4,410,135 03
For the use of the treasury, . . . . .	1,571,689 00
Turnpikes, State roads, &c., . . . . .	930,000 00
Union canal, . . . . .	200,000 00
Eastern penitentiary, . . . . .	120,000 00
Franklin railroad, . . . . .	100,000 00
Pennsylvania and Ohio canal, . . . . .	50,000 00
Insane asylum, . . . . .	22,335 06
	\$37,937,788 24

The value of our public improvements, estimated at cost, is	30,533,629 15
The State owns bank stock, which cost, at par,	2,108,700 00
Turnpike and bridge stock, . . . . .	2,536,262 45
Canal and navigation stock, . . . . .	842,778 66
Railroad stock, . . . . .	365,276 90
Money due on unpatented lands, estimated at	1,000,000 00

The above statements show the financial condition of the State in January, 1843. Since that time, sales of State property, and other changes, have been made, the results of which do not yet appear, but will be given in our next volume.

*An Abstract from the Report of the Canal Commissioners for 1843.*

Names of Divisions.	Length of each line in miles.	Receipts and expenditures of the lines.		
		Tolls in 1842.	Expenses and liabilities for nine months.	Amount earned by each line over expenses & liabilities.
Philadelphia and Columbia Railroad, . . . . .	82	357,461 50	132,499 45	224,962 05*
Susquehanna, North and West Branch, . . . . .	172	195,780 16	45,072 12	150,708 04
Alleghany Portage Railroad, . . . . .	36	124,258 40	96,528 63	27,799 77
Western, . . . . .	104	85,449 42	25,030 00	59,339 42
	304	762,949 48	300,180 20	462,769 28
Deduct expenses for nine months, . . . . .		300,180 20		
Excess of toll over expenses on the main line, . . . . .		462,769 28		
Delaware, . . . . .	60	94,459 08	23,545 11	70,913 97
Susquehanna, North and West Branch, . . . . .	184	76,112 14	55,086 90	21,045 24
Beaver, Chenango, French Creek and Franklin, . . . . .	103	6,692 99	11,251 49	
	347			91,959 21
Deduct expenditures over receipts on the Beaver, Chenango, French Creek, and Franklin Division, . . . . .				4,561 50
Excess of tolls over expenditures on the above lines, . . . . .				87,397 71
Excess of tolls over expenditures on all the lines, . . . . .				550,166 99
Deduct drawback upon flour and passengers, . . . . .				19,714 27
Leaving a balance in favor of the lines of . . . . .				530,452 72

\* Less the expenses of the quarter commencing December 1st, 1841, and ending February 28th, 1842.



The internal improvements made by the State consist of 793 $\frac{1}{4}$  miles of canals and railways completed, and 140 $\frac{3}{4}$  miles of canals in progress of construction and nearly completed.

### SCHOOLS IN PENNSYLVANIA.

[From the Annual Report of the Superintendent of Common Schools.]

The whole number of School Districts in Pennsylvania, on the 1st of June, 1842, exclusive of the city and county of Philadelphia, was 1,113; the number of accepting districts paid during the year, 905; the number that reported, 861; all but 44 districts have made their annual report. Last year, there were 183 districts which had not made a report at the termination of the year. This promptness may, in part, be attributed to the act of the 18th of March, 1842, which prohibits the Superintendent from issuing his order on the State Treasurer, in favor of any school district, until the report has been made, as required by the act of the 13th of June, 1836. The whole number of schools in the reporting districts, is 6,116; the number of schools yet required, 554; the average number of months taught in these schools, 5 months 9 days; the number of male teachers, 5,176; and of female, 2,316.

### CONGRESSIONAL DISTRICTS.

1. Southwark, Moyamensing, Passyunk, (county of Philadelphia,) and Cedar and Newmarket wards, in the city.
2. City of Philadelphia, except Cedar and Newmarket wards.
3. Northern Liberties and Spring Garden, county of Philadelphia.
4. Kensington, North and South Penn, Roxborough, Germantown, Bristol, Unincorporated Northern Liberties, Oxford, Lower Dublin, Byberry, Moreland, Blockley, West Philadelphia, and Kingsessing, county of Philadelphia.
5. Delaware and Montgomery.
6. Bucks and Lehigh.
7. Chester.
8. Lancaster.
9. Berks.
10. Northampton, Monroe, Wayne, Pike, and Carbon.
11. Columbia, Luzerne, and Wyoming.
12. Bradford, Susquehanna, and Tioga.
13. Lycoming, Northumberland, Union, and Clinton.
14. Dauphin, Lebanon, and Schuylkill.
15. York and Adams.
16. Cumberland, Perry, and Franklin.
17. Huntington, Centre, Juniata, and Mifflin.
18. Greene, Somerset, and Fayette.
19. Westmoreland, Bedford, and Cambria.
20. Beaver and Washington.
21. Alleghany.
22. Venango, Crawford, and Mercer.
23. Erie, Warren, McKean, Clarion, Potter, Jefferson, and Elk.
24. Armstrong, Butler, Indiana, and Clearfield.



Frankford,	1,263	Radnor,	1,205	Lancaster city,	8,417
Hopewell,	1,036	Ridley,	1,075	Lancaster town'p,	809
Mechanicsburg,*	670	Springfield,	800	Leacock,	3,337
Mifflin,	1,412	Thornbury,	675	Little Britain,	3,042
Monroe,	1,570	Tinicum,	153	Manheim,	1,829
New Cumberland,*	284	Upper Chichester,	475	Manor,	4,152
Newton,	1,409	Upper Darby,	1,489	Martick,	2,453
Newville,	654	Upper Providence,	780	Mount Joy,	2,375
North Middleton,	1,999			Raphoe,	3,557
Shippen,	184	Total,	19,791	Sadsbury,	2,093
Shippensburg,	1,473			Salisbury,	3,959
Silver Spring,	1,938	<i>Franklin County.</i>		Strasburg,	4,155
South Middleton,	2,055	Antrim,	3,130	Warwick,	3,725
Southampton,	1,484	Antrim, Greenc'le,*	931	West Cocalico,	1,229
West Pennsboro',	1,867	Chambersburg,*	3,239	West Donegal,	2,510
		Fannet,	1,858	West Earl,	1,723
Total,	30,953	Green,	2,518	West Hempfield,	1,913
		Green, Fayettev'e,*	411	West Hempfield,	
<i>Dauphin County.</i>		Guilford,	3,125	Columbia,*	2,719
Derry,	1,816	Hamilton,	1,719		
Derry, Hummels-		Letterkenney,	1,918	Total,	84,203
town,*	480	Lurgan,	1,143		
Halifax,	2,608	Metal,	1,113	<i>Lebanon County.</i>	
Hanover,	2,772	Metal, Fannetsb'g,*	253	Annville,	2,949
Harrisburg,	5,980	Montgomery,	3,217	Bethel,	1,662
Jackson,	1,164	Montgomery, Mer-		East Hanover,	2,461
Londonderry,	1,990	cersburg,*	1,143	Heidelberg,	2,827
Lower Swatara,	1,258	Peters,	1,939	Jackson,	2,508
Low. Middletown,*	756	Peters, Loudon,*	340	Lebanon, north	
Lower Paxton,	1,337	Quincy,	2,503	ward,	1,430
Lykens,	1,409	St Thomas,	1,725	Lebanon, south	
Middle Paxton,	1,560	Southampton,	1,703	ward,	2,907
Mifflin,	1,781	Warren,	662	Lebanon,*	1,860
Rush,	247	Washington,	2,404	Londonderry,	1,762
Susquehanna,	1,452	Washington,		Swatara,	1,506
Upper Paxton,	1,814	Waynesboro',	799		
Upper Swatara,	1,205			Total,	21,872
Wisconisco,	489	Total,	37,793		
Total,	30,118	<i>Lancaster County.</i>		<i>Lehigh County.</i>	
<i>Delaware County.</i>		Bart,	1,859	Allentown, *	2,493
Aston,	1,469	Brecknock,	732	Hanover,	1,341
Bethel,	386	Caernarvon,	1,590	Heidelberg,	2,354
Birmingham,	605	Colerain,	1,453	Lower Macungy,	2,156
Concord,	1,057	Conestoga,	2,866	Lowhill,	854
Chester,	1,790	Drumore,	2,268	Lynn,	1,895
Darby,	1,267	Earl,	3,982	Northampton,	293
Edgemont,	713	East Cocalico,	1,983	North Whitehall,	2,324
Haverford,	1,139	East Donegal,	2,987	Salisbury,	1,438
Lower Chichester,	666	East Donegal, Ma-		South Whitehall,	2,290
Marple,	759	rietta,*	1,428	Upper Macungy,	1,769
Middletown,	1,451	East Hempfield,	1,657	Upper Milford,	3,081
N'ther Providence,	1,025	Elizabeth,	2,049	Upper Saucon,	2,072
Newton,	752	Ephratah,	2,083	Weissenburg,	1,427
		Lampeter,	3,269	Total,	25,787

\* Borough.

<i>Monroe County.</i>		Bethlehem,	2,989	Kingsessing,	1,339
Chesnut Hill,	1,318	Bushkill,	1,716	Kensington,	22,314
Coolbaughs,	159	Easton,*	4,865	Lower Dublin,	3,298
Hamilton,	1,508	East Penn,	1,535	Moreland,	469
Lower Smithfield,	1,192	Forks,	2,166	Moyamensing,	14,573
Middle Smithfield,	1,144	Hanover,	382	Northern Liber-	
Pocono,	973	Lausanne,	1,590	ties,	34,474
Price,	391	Lehigh,	2,049	North'n Liberties	
Ross,	987	Lower Mt. Bethel,	2,957	unincorporated,	3,332
Stroud,	1,206	Lower Nazareth,	1,201	Oxford,	1,582
Stroudsburg,*	407	Lower Saucon,	2,710	Oxford, Frankf'd,*	2,376
Tobahannah,	594	Mauch Chunk,	2,193	Passyunk,	1,594
Total,	9,879	Moore,	2,389	Penn. (North and	
		Plainfield,	1,501	South,) ,	3,342
<i>Montgomery County.</i>		South Easton,*	661	Roxborough,	5,797
Abington,	1,704	Towamensing,	1,847	Spring Garden,	27,849
Cheltenham,	1,053	Upper Nazareth,	1,118	Southwark,	27,548
Douglass,	1,090	Upper Mt. Bethel,	2,643	Total,	258,037
Franconia,	1,183	Williams,	1,937		
Frederick,	1,217	Total,	40,996	<i>Pike County.</i>	
Gwynnedd,	1,589			Delaware,	590
Hatfield,	895	<i>Perry County.</i>		Dingman,	447
Horsham,	1,182	Buffalo,	948	Green,	178
Limerick,	1,786	Buffalo,*	147	Lackawaxen,	750
Lower Merion,	2,827	Bloomfield,*	412	Lehman,	560
Lower Providence,	1,413	Centre,	982	Milford,	648
Lower Salford,	1,141	Carroll,	1,100	Palmyra,	300
Marlboro',	1,140	Greenwood,	725	Westfall,	359
Montgomery,	1,009	Greenwood, Mil-		Total,	3,832
Moreland,	2,162	lerstown,*	371		
New Hanover,	1,419	Juniata,	1,450	<i>Schuylkill County.</i>	
Norristown,*	2,937	Liverpool,	763	Barry,	639
Norriton,	1,411	Liverpool,*	454	Branch,	1,422
Pottsgrove,	1,361	Madison,	1,299	Branch, Miners-	
Pottstown,*	721	Oliver,	796	ville,*	1,265
Plymouth,	1,417	Oliver, Newport,*	423	East Brunswick,	1,230
Skippack and Per-		Penn,	839	Lower Mahantan-	
kiomen,	1,485	Penn, Petersburg,*	203	go,	1,465
Springfield,	695	Rye,	451	Manheim,	3,441
Towamensing,	763	Saville,	1,283	Norwegian,	3,812
Upper Dublin,	1,322	Poboyne,	1,442	Orwigsburg,*	779
Upper Hanover,	1,407	Tyrone,	2,391	Pine Grove,	1,605
Upper Merion,	2,804	Wheatfield,	617	Pottsville,*	4,345
Upper Providence,	2,244	Total,	17,096	Rush,	370
Upper Salford,	1,301			Schuylkill,	1,334
White Marsh,	2,079	<i>Philadelphia County.</i>		Tamaqua,*	465
Whitpain,	1,224	Philadelphia,	93,663	Union,	906
Worcester,	1,200	Blockley,	3,318	Upp. Mahantango,	1,291
Total,	47,241	Blockley, West		Wayne,	1,621
<i>Northampton County.</i>		Philadelphia,*	2,896	West Brunswick,	1,701
Allen,	2,547	Bristol,	1,734	West Penn,	1,362
		Byberry,	1,055	Total,	29,053
		Germantown,	5,482		

\* Borough.

<i>Wayne County.</i>	<i>York County.</i>	bury,*	249
Berlin, 488	Carroll, 771	North Codorus, 1,540	
Bethany, 299	Carroll, Dillsburg,* 244	Old Codorus, 1,131	
Buckingham, 233	Chanceford, 1,439	Paradise, 2,117	
Canaan, 1,462	Conewago, 1,068	Peach Bottom, 1,074	
Clinton, 516	Dover, 1,930	Shrewsbury, 1,328	
Damascus, 987	Fairview, 1,993	Shrewsbury,* 340	
Dyberry, 691	Fawn, 859	Springfield, 1,207	
Honesdale, 1,086	Franklin, 819	Spring Garden, 1,819	
Lebanon, 366	Hanover,* 1,070	Upper Windsor, 1,310	
Manchester, 284	Heidelberg, 1,528	Warrington, 1,340	
Mount Pleasant, 1,359	Hellam, 1,421	Washington, 1,226	
Palmyra, 427	Hopewell, 1,905	West Manchester, 1,262	
Preston, 534	Lower Chanceford, 1,291	Wrightsville,* 672	
Salem, 849	Lower Windsor, 1,687	York, 1,294	
Scott, 365	Manchester, 2,152	York,* 4,779	
Sterling, 808	Manheim, 1,525		
Texas, 1,094	Monaghan, 770	Total, 47,010	
	Newbury, 1,850		
Total, 11,848	Newbury, Lewis-		

## WESTERN DISTRICT.

<i>Alleghany County.</i>	<i>Clinton County.</i>	Limestone,	129
Pittsburg, 21,115	Allison, 643	Total, 9,278	
Alleghany, 10,089	Dunstable, 841		
Pitt, 6,002	Wayne, 307		
Elizabeth, 3,317	Limestone, 200	<i>Bedford County.</i>	
Ohio, 1,631	Grove, 239	Bedford,* 1,022	
Franklin, 955	Chapman, 622	Bedford, 1,721	
Pine, 1,770	Lumber, 105	Broad Top, 987	
Ross, 1,675	Coal Brook, 546	Cumberland Val-	
West Deer, 1,414	Pine Creek, 572	ley, 904	
East Deer, 1,987	Bald Eagle, 1,178	Colerain, 1,190	
Indiana, 2,697	Lamar, 1,883	Greenfield, 1,830	
Reserve, 1,443	Logan, 1,187	Hopewell, 1,213	
Fayette, 2,484		Martinsburg,* 422	
Findley, 1,367	Total, 8,323	Londonderry, 809	
Moon, 1,281		Napier, 2,458	
Robinson, 1,694	<i>Warren County.</i>	East Providence, 1,019	
Upper St. Clair, 2,302	Warren,* 737	West Providence, 1,643	
Lower St. Clair, 4,373	Conewago, 858	Shellsbury,* 316	
Birmingham,* 1,554	Broken Straw, 1,149	Southampton, 1,543	
Jefferson, 1,779	Columbus, 1,169	St. Clair, 1,488	
Mifflin, 1,654	Sugar Grove, 1,062	Union, 1,029	
Lawrenceville,* 867	Pine Grove, 1,385	North Woodberry, 1,994	
East Liberty, in	Freehold, 778	South Woodberry, 1,950	
Peebles township, 393	Elk, 382	Bethel, 1,402	
Peebles, 1,820	Spring Creek, 435	Belfast, 720	
Wilkins, 2,163	Deerfield, 450	Licking Creek, 824	
Versailles, 1,456	Kinzua, 237	Dublin, 902	
Plum, 1,953	Pleasant, 190	Air, 1,453	
	Southwest, 201	McConnellstown,* 486	
Total, 81,235	Sheffield, 116	Total, 29,335	

\* Borough.

<i>Mifflin County.</i>		Franklin,	1,486	<i>Washington County.</i>	
Armagh,	1,468	Total,	19,147	Washington,*	2,062
Brown,	903	<i>Susquehanna County.</i>		Creek,	2,006
Union,	1,221	Auburn,	1,113	Hanover,	2,002
Mino,	974	Bridgewater,	2,052	Smith,	1,345
Decatur,	767	Brooklyn,	1,474	North Strabane,	1,207
Derry,	1,050	Clifford,	1,068	South Strabane,	1,075
Granville,	1,016	Dimock,	998	Canton,	1,132
Lewistown,*	2,058	Franklin,	515	Mount Pleasant,	1,203
Mc Veytown,*	348	Great Bend,	859	Robinson,	860
Oliver,	1,907	Gibson,	1,219	East Findley,	1,147
Wayne,	1,350	Hartford,	1,179	East Bethlehem,	2,312
Total,	13,092	Harmony,	523	Claysville,*	292
<i>Columbia County.</i>		Herrick,	629	Donegal,	1,747
Mifflin,	2,150	Jackson,	754	Hopewell,	1,596
Cattawissa,	2,064	Liberty,	554	Canonsburg,*	687
Roaring Creek,	1,855	Lenox,	800	Amwell,	1,536
Bear Creek,	1,905	Montrose,*	632	Chartiers,	1,616
Bloom,	1,774	Dundaff,*	304	Buffalo,	1,116
Mount Pleasant,	609	New Milford,	1,148	Morris,	1,683
Orange,	833	Rush,	1,039	West Bethlehem,	1,743
Hemlock,	957	Springville,	926	West Middletown,*	260
Montour,	809	Silver Lake,	907	Millsboro'*	312
Mahoning,	1,927	Thomson,	325	West Findley,	1,187
Derry,	1,754	Forest Lake,	606	Monongahela	
Madison,	1,700	Middletown,	569	City,*	752
Valley,	633	Choconut,	952	Carroll,	1,235
Liberty,	1,328	Total,	21,195	Fallowfield,	1,203
Limestone,	646	<i>Fayette County.</i>		Union,	858
Jackson,	265	Brownsville,	1,362	Nottingham,	983
Greenwood,	1,217	Bridgeport,	758	Somerset,	1,620
Fishing Creek,	904	Washington,	1,515	West Pike Run,	947
Sugarloaf,	937	Franklin,	1,396	East Pike Run,	1,240
Total,	24,267	Perry,	1,350	Greenfield,*	264
<i>Greene County.</i>		Luzerne,	1,715	Peters,	1,024
Jackson,	1,020	Redstone,	1,159	Cecil,	1,027
Wayne,	938	Jefferson,	1,316	Total,	41,279
Aleppo,	650	Union,*	1,710	<i>Butler County.</i>	
Rich Hill,	1,384	Union,	2,723	Buffalo,	1,820
Washington,	936	Germantown,	2,310	Clearfield,	1,103
Morris,	1,162	Georges,	2,371	Donegal,	1,615
Centre,	1,503	Spring Hill,	2,355	Centre,	1,834
Morgan,	1,094	Dunbar,	2,070	Parker,	1,364
Dunkard,	1,292	Bullskin,	1,275	Venango,	822
Whiteley,	2,043	Menallen,	1,377	Mercer,	1,233
Marion,	597	Saltlick,	1,911	Middlesex,	1,692
Cumberland,	1,958	Connellsville,	1,436	Cherry,	625
Greene,	611	Tyrone,	1,189	Slippery Rock,	1,507
Monongahela,	1,178	Henry Clay,	891	Butler,*	861
Jefferson,	1,295	Wharton,	1,325	Butler,	1,384
Total,		Total,	33,574	Muddy Creek,	1,998
				Conequenessing,	2,698

\* Borough.

Cranberry,	1,522	Rochester,	548	Lewisburg,*	1,220
Total,	22,378	Shenango,	1,435	Kelly,	788
<i>Armstrong County.</i>		Slippery Rock,	1,224	West Buffalo,	1,460
Wayne,	1,875	North Sewickly,	2,992	Buffalo,	1,348
Plum Creek,	2,216	Hanover,	1,662	East Buffalo,	812
Kiskiminetas,	2,287	Hopewell,	1,603	White Deer,	1,252
Alleghany,	1,839	Big Beaver,	1,339	Penn,	2,280
Monroe,	1,151	Moon,	748	Hartley,	1,866
Red Bank,	3,078	Philipsburg,	338	Middle Creek,	562
Clarion,	2,239	Freedom,	354	Centre,	1,891
Freeport,*	727	Economy,	1,283	Chapman,	1,297
Kittaning,	702	Darlington,	625	New Berlin,*	679
Perry,	1,122	Brighton,	321	Perry,	1,254
Toby,	1,829	Total,	29,368	Union,	1,630
Madison,	1,365			Washington,	1,135
Sugar Creek,	1,852	<i>Northumberland County.</i>		Beaver,	2,609
Franklin,	1,713	Chillisquaqua,	1,399	Total,	22,787
Buffalo,	1,820	Turbut,	3,572		
Kittaning,	1,323	Milton,*	1,508	<i>Erie County.</i>	
Pine,	1,227	Northumberland,	928	Erie,*	3,412
Total,	28,365	Sunbury,	1,108	Mill Creek,	2,682
<i>Juniata County.</i>		Augusta,	2,409	Girard,	2,660
Mifflintown,*	420	Rush,	1,028	Springfield,	2,344
Fermanagh,	831	Upper Mahanoy,	1,131	Harbor Creek,	1,843
Walker,	1,423	Jackson,	1,584	Conneaut,	1,796
Delaware,	956	Lower Mahanoy,	1,199	Northeast,	1,793
Greenwood,	1,237	Little Mahanoy,	213	Northeast,*	339
Fayette,	1,291	Coal,	919	McKean,	1,714
Milford,	1,824	Shamokin,	1,983	Elk Creek,	1,645
Turbet,	1,319	Point,	746	Fairview,	1,481
Tuscarora,	1,018	Total,	20,027	Greenfield,	862
Lack,	761			Waterford,	1,144
Total,	11,080	<i>Indiana County.</i>		Waterford,*	403
<i>Beaver County.</i>		Blacklick,	2,028	Concord,	652
Beaver,	445	Whitfield,	1,664	Amity,	560
North Beaver,	2,293	Brush Valley,	1,822	Lebœuf,	876
Little Beaver,	1,254	Centre,	1,615	Wayne,	738
South Beaver,	1,024	Greene,	2,321	Washington,	1,551
Ohio,	1,273	Conemaugh,	1,441	Edinboro',	232
Brighton,	902	Young,	1,116	Venango,	812
Chippeway,	610	Blairsville,*	990	Wattsburg,*	131
Raccoon,	871	Indiana,*	674	Union,	593
Green,	1,500	Armstrong,	1,054	Beaver Dam,	1,081
Beaver,*	551	Washington,	1,893	Total,	31,344
Bridgewater,	634	Mahoning,	2,890		
Fallston,	565	Montgomery,	787	<i>Huntingdon County.</i>	
Darlington,	220	Armagh,*	152	Hopewell,	1,238
New Brighton,*	981	Saltzburg,*	335	Fell,	911
New Sewickly,	1,740	Total,	20,782	Todd,	780
				Hollidaysburg,*	1,896
		<i>Union County.</i>		Shirleysburg,*	247
		Mifflinburg,*	704	Huntingdon,*	1,145
				Union,	817

\* Borough.

Shirley,	1,174	Muncy,*	662	Sergeant,	218
Springfield,	984			Liberty,	198
Williamsburg,*	637	Total,	22,649	Norwich,	184
Woodberry,	2,102			Shippen,	184
Henderson,	1,555	<i>Venango County.</i>		Hamilton,	52
West,	1,629	Scrubgrass,	1,076	Total,	2,975
Petersburg,*	196	Irwin,	1,111		
Dublin,	653	Sandy Creek,	929	<i>Centre County.</i>	
Cromwell,	1,140	Paint,	491	Bellefonte,	1,032
Barre,	2,225	Farmington,	799	Boggs,	1,714
Blair,	1,370	Tionesta,	635	Ferguson,	1,254
Allegheny,	2,225	Cornplanter,	427	Gregg,	1,671
Antis,	2,154	French Creek,	787	Harris,	1,978
Frankstown,	1,499	Cherrytree,	598	Halfmoon,	1,406
Franklin,	1,376	Richland,	1,385	Howard,	1,409
Morris,	1,516	Beaver,	1,611	Husten,	557
Porter,	879	Sugar Creek,	1,093	Marion,	559
Tyrone,	1,226	Plum,	1,174	Miles,	1,198
Warrior's Mark,	1,059	Pine Grove,	593	Potter,	1,787
Walker,	1,055	Alleghany,	804	Patten,	473
Alexandria,*	574	Canal,	867	Rush,	317
Birmingham,*	235	Rockland,	1,198	Spring,	1,793
Frankstown,	357	Cranberry,	942	Snowshoe,	162
		Elk,	785	Walker,	1,180
Total,	35,454	Franklin,*	595	Harios,	2,002
<i>Lycoming County.</i>		Total,	17,900	Total,	20,492
Jersey Shore,*	525	<i>Somerset County.</i>		<i>Tioga County.</i>	
Lycoming,	1,917	Addison,	1,301	Jackson,	1,123
Cummings,	569	Alleghany,	633	Liberty,	1,128
Brown,	268	Berlin,*	524	Union,	288
Nippenose,	319	Brothers Valley,	1,548	Middlebury,	725
Lewis,	542	Conemaugh,	882	Morris,	120
Hepburn,	1,570	Elk Lick,	1,495	Delmar,	946
Williamsport,*	1,353	Greenville,	572	Willsboro',	369
Loyalsock,	1,107	Jenner,	1,469	Tioga,	791
Susquehanna,	271	Milford,	1,632	Horace,	82
Jackson,	336	Paint,	487	Lawrence,	888
Limestone,	800	Quemahoning,	924	Elkland,	710
Clinton,	1,193	Sloystown,*	357	Farmington,	503
Washington,	1,829	Stony Creek,	1,248	Chatham,	689
Mifflin,	1,224	Shade,	1,052	Westfield,	921
Fairfield,	1,376	Somerset,*	638	Rutland,	692
Elkland,	331	Somerset,	2,711	Sullivan,	1,378
Plunkett's Creek,	277	Southampton,	755	Richmond,	742
Forks,	224	Turkey Foot,	1,422	Covington,	940
Cherry,	875			Charleston,	1,010
Shrewsbury,	282	Total,	19,650	Shippen,	192
Davidson,	370			Deerfield,	615
Penn,	354	<i>McKean County.</i>		Brookfield,	431
Franklin,	529	Keating,	893	Gaines,	215
Moreland,	682	Ceres,	625		
Wolf,	786	Bradford,	375	Total,	15,498
Muncy Creek,	1,166	Corydon,	246		
Muncy,	912				

\* Borough.



<b>Jefferson County.</b>		<b>Ligonier,</b>	<b>2,204</b>	<b>Sandy Lake,</b>	<b>1,566</b>
<b>Brookville,*</b>	<b>276</b>	<b>Fairfield,</b>	<b>2,035</b>	<b>French Creek,</b>	<b>981</b>
<b>Rose,</b>	<b>1,421</b>	<b>Donegal,</b>	<b>2,261</b>	<b>Sandy Creek,</b>	<b>1,965</b>
<b>Washington,</b>	<b>367</b>	<b>Youngstown,*</b>	<b>415</b>	<b>Mercer,*</b>	<b>781</b>
<b>Snyder,</b>	<b>291</b>	<b>Ligonier,*</b>	<b>294</b>		
<b>Ridgeway,</b>	<b>195</b>			<b>Total,</b>	<b>32,873</b>
<b>Eldred,</b>	<b>1,171</b>	<b>Total,</b>	<b>42,699</b>	<b>Cambria County.</b>	
<b>Tionesta,</b>	<b>27</b>			<b>Alleghany,</b>	<b>1,066</b>
<b>Bartlett,</b>	<b>259</b>	<b>Crawford County.</b>		<b>Loretto,</b>	<b>151</b>
<b>Jenks,</b>	<b>20</b>	<b>South Shenango,</b>	<b>1,324</b>	<b>Conemaugh,</b>	<b>1,288</b>
<b>Pine Creek,</b>	<b>628</b>	<b>Greenwood,</b>	<b>1,171</b>	<b>Johnston,*</b>	<b>943</b>
<b>Porter,</b>	<b>977</b>	<b>Venango,</b>	<b>1,299</b>	<b>Johnston Extended,</b>	<b>328</b>
<b>Perry,</b>	<b>1,076</b>	<b>Fallowfield,</b>	<b>1,673</b>	<b>Clearfield,</b>	<b>330</b>
<b>Young,</b>	<b>1,321</b>	<b>Randolph,</b>	<b>1,040</b>	<b>Cambria,</b>	<b>1,156</b>
		<b>Woodcock,</b>	<b>1,921</b>	<b>Ebensburg,*</b>	<b>353</b>
<b>Total,</b>	<b>7,253</b>	<b>Vernon,</b>	<b>1,240</b>	<b>Carroll,</b>	<b>696</b>
		<b>Mead,</b>	<b>1,697</b>	<b>Jackson,</b>	<b>623</b>
<b>Potter County.</b>		<b>Summerhill,</b>	<b>1,638</b>	<b>Richland,</b>	<b>1,038</b>
<b>Eulalia,</b>	<b>368</b>	<b>Sadsbury,</b>	<b>2,441</b>	<b>Susquehanna,</b>	<b>361</b>
<b>Harrison,</b>	<b>497</b>	<b>Meadville,*</b>	<b>1,319</b>	<b>Summerhill,</b>	<b>1,005</b>
<b>Bingham,</b>	<b>453</b>	<b>Sparta,</b>	<b>632</b>	<b>Jefferson,</b>	<b>141</b>
<b>Ulysses,</b>	<b>371</b>	<b>Oil Creek,</b>	<b>738</b>	<b>Washington,</b>	<b>1,266</b>
<b>Alleghany,</b>	<b>238</b>	<b>Richmond,</b>	<b>771</b>	<b>Munster,</b>	<b>67</b>
<b>Genesee,</b>	<b>127</b>	<b>Rome,</b>	<b>737</b>	<b>White,</b>	<b>438</b>
<b>Sharon,</b>	<b>259</b>	<b>Cossawago,</b>	<b>1,269</b>		
<b>Hebron,</b>	<b>162</b>	<b>Beaver,</b>	<b>734</b>	<b>Total,</b>	<b>11,256</b>
<b>Oswego,</b>	<b>101</b>	<b>Wayne,</b>	<b>723</b>	<b>Luzerne County.</b>	
<b>Clara,</b>	<b>61</b>	<b>Bloomfield,</b>	<b>564</b>	<b>Blakeley,</b>	<b>570</b>
<b>Sweden,</b>	<b>153</b>	<b>Rockdale,</b>	<b>767</b>	<b>Buck,</b>	<b>307</b>
<b>Wharton,</b>	<b>171</b>	<b>Athens,</b>	<b>498</b>	<b>Butler,</b>	<b>514</b>
<b>Roulette,</b>	<b>152</b>	<b>Troy,</b>	<b>554</b>	<b>Carbondale,</b>	<b>2,398</b>
<b>Hector,</b>	<b>119</b>	<b>Hayfield,</b>	<b>1,401</b>	<b>Denison,</b>	<b>976</b>
<b>Pike,</b>	<b>139</b>	<b>Spring,</b>	<b>1,616</b>	<b>Hanover,</b>	<b>1,938</b>
		<b>Conneaut,</b>	<b>1,534</b>	<b>Hazle,</b>	<b>893</b>
<b>Total,</b>	<b>3,371</b>	<b>Fairfield,</b>	<b>1,213</b>	<b>Lackawanna,</b>	<b>363</b>
		<b>North Shenango,</b>	<b>1,210</b>	<b>Newport,</b>	<b>1,099</b>
<b>Westmoreland County.</b>		<b>Total,</b>	<b>31,724</b>	<b>Nescopeck,</b>	<b>1,370</b>
<b>Washington,</b>	<b>2,004</b>			<b>Providence,</b>	<b>1,169</b>
<b>Alleghany,</b>	<b>2,641</b>	<b>Mercer County.</b>		<b>Pittston,</b>	<b>1,110</b>
<b>Loyalhannah,</b>	<b>1,130</b>	<b>Springfield,</b>	<b>1,804</b>	<b>Sugarloaf,</b>	<b>1,306</b>
<b>Derry,</b>	<b>3,722</b>	<b>West Salem,</b>	<b>2,528</b>	<b>Wilkesbarre,</b>	<b>1,513</b>
<b>New Alexandria,*</b>	<b>427</b>	<b>Pymatuning,</b>	<b>1,793</b>	<b>Wilkesbarre,*</b>	<b>1,718</b>
<b>Salem,</b>	<b>1,892</b>	<b>Delaware,</b>	<b>2,024</b>	<b>Jefferson,</b>	<b>282</b>
<b>Salem,*</b>	<b>204</b>	<b>Wolf Creek,</b>	<b>1,732</b>	<b>Greenfield,</b>	<b>1,430</b>
<b>North Huntingdon,</b>	<b>1,878</b>	<b>Hickory,</b>	<b>1,831</b>	<b>Covington,</b>	<b>596</b>
<b>Sewickly,</b>	<b>1,573</b>	<b>Slippery Rock,</b>	<b>2,066</b>	<b>Burton,</b>	<b>733</b>
<b>Rostraver,</b>	<b>1,880</b>	<b>Salem,</b>	<b>1,980</b>	<b>Windham,</b>	<b>1,647</b>
<b>South Huntingdon,</b>	<b>2,793</b>	<b>West Greenville,</b>	<b>626</b>	<b>Kingston,</b>	<b>2,004</b>
<b>Franklin,</b>	<b>2,320</b>	<b>Mahoning,</b>	<b>3,099</b>	<b>Tunkhannock,</b>	<b>1,933</b>
<b>East Huntingdon,</b>	<b>1,774</b>	<b>Neshanock,</b>	<b>2,068</b>	<b>Exeter,</b>	<b>1,529</b>
<b>Mount Pleasant,</b>	<b>2,123</b>	<b>Newcastle,*</b>	<b>611</b>	<b>Eaton,</b>	<b>782</b>
<b>Hempfield,</b>	<b>4,772</b>	<b>Shenango,</b>	<b>1,354</b>	<b>North Moreland,</b>	<b>887</b>
<b>Mount Pleasant,*</b>	<b>554</b>	<b>Lackawannock,</b>	<b>2,130</b>	<b>Abington,</b>	<b>1,770</b>
<b>Greensburg,*</b>	<b>800</b>	<b>Cool Spring,</b>	<b>1,934</b>	<b>Salem,</b>	<b>1,009</b>
<b>Unity,</b>	<b>3,003</b>				

\* Borough.

Falls,	2,108	Beccaria,	389	Springfield,	1,487
Nicholson,	658	Houston,	129	South Creek,	484
Dallas,	806	Gibson,	170	Tuscarora,	1,020
Monroe,	340	Jordan,	329	Ulster,	1,053
Braintrim,	1,355	Lawrence,	1,032	Warren,	1,308
Lehman,	527	Burnside,	556	Wells,	873
Plymouth,	1,765	Morris,	214	Windham,	879
Fairmount,	594	Boggs,	295	Albany,	803
Union,	1,242	Pike,	676	Asylum,	947
Huntington,	1,510	Bradford,	556	Burlington,	1,118
Washington,	1,255	Bell,	301	Canton,	1,254
				Columbia,	1,421
Total,	44,006	Total,	7,834	Franklin,	351
				Granville,	651
				Herrick,	632
				Towanda,*	912
				Towanda,	1,002
				Troy,	1,664
				Wyalusing,	1,400
				Wysox,	1,871
				Le Roy,	679
				Monroe,	1,153
				Total,	32,769

*Clearfield County.*

Ferguson,	168
Fox,	319
Decatur,	385
Covington,	438
Penn,	336
Jay,	362
Brady,	692
Chest,	138
Girard,	349

*Bradford County.*

Athens,*	435
Athens,	1,532
Litchfield,	817
Orwell,	1,037
Pike,	1,518
Ridgebury,	1,214
Rome,	817
Sheshequin,	1,010
Smithfield,	1,427

## X. DELAWARE.

## GOVERNMENT.

WILLIAM B. COOPER, of Laurel, Governor, (term of office expires on the 3d Tuesday in January, 1845),	Salary.
	\$1,333 $\frac{1}{2}$
John W. Houston, of Georgetown, Secretary of State,	Fees and 400
Gardiner H. Wright, of Millsborough, State Treasurer,	500
Simon Spearman, of Smyrna, Auditor,	500
Presley Spruance, do.	Speaker of the Senate.
Wm. O. Redden, of Bridgeville, Speaker of the House of Rep.	
Pay of the members of the legislature, \$3 a day.	

## JUDICIARY.

*Superior Court.*

James Booth, of New Castle, Chief Justice,	Salary.
	\$1,200
Samuel M. Harrington, of Dover, Associate Justice,	1,200
Caleb S. Layton, of South Milford, do.	1,000
John J. Milligan, of Wilmington, do.	1,000
Edward W. Gilpin, of do. Attorney General, Fees and 300	

\* Borough.

*Court of Chancery.*

Kensley Johns, Jr.,	of New Castle,	Chancellor,	Salary. \$1,100
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*Orphan's Court.*

The Chancellor and one of the Associate Judges of the Superior Court.

*Registers' Courts.*

Joshua E. Driver,	of New Castle,	<i>Register of Wills,</i>	Fees.
Charles Polk,	of Dover,	do. do.	Fees.
Peter Parker,	of Georgetown,	do. do.	Fees.

## COMMON SCHOOLS.

The State has a school fund of \$175,750. There are 185 public schools now in operation, in which 10,359 scholars are taught. Provision is made by law for a free school within every three miles square of territory.

Willard Hall, - of Wilmington,	} <i>Superintendents of Free Schools.</i>
Charles Marim, of Dover,	
Joshua G. Baker, of Milton,	

## FINANCES.

The State has no public debt. It has an invested surplus fund of \$520,455.88

The income in 1842 was	\$33,699.36
Expenses of Government,	27,424.56
Excess of income over expenditures,	\$6,474.80

This State chooses but one member of the House of Representatives of the United States, and consequently is not divided into districts.

## XI. MARYLAND.

## GOVERNMENT.

FRANCIS THOMAS, of Frederick, Governor, (term of office expires on the 1st Monday in January, 1845.)	Salary. \$4,200
John C. Legrand, of Baltimore, Secretary of State,	2,000
James S. Owings, of Annapolis, Treasurer,	2,500

Henry Hobbs,	of Annapolis,	<i>Surveyor-General,</i>	Salary.
Josiah Bayly,	of Dorchester Co.	<i>Attorney-General,</i>	800
John S. Gittings,	of Baltimore,	<i>Commissioner of Loans,</i>	Fees.
George G. Brewer,	of Annapolis,	<i>Register of the Land Office,</i>	Fees.
J. H. T. Magruder,	do.	<i>State Librarian,</i>	1,000
John N. Watkins,	do.	<i>Adjutant-General,</i>	500
Richard I. Crabb,	do.	<i>Armorer,</i>	500
Richard Thomas,	of St. Mary's Co.	<i>President of the Senate.</i>	
Daniel S. Biser,	of Frederick Co.	<i>Speaker of the House.</i>	

## JUDICIARY.

*Court of Chancery.*

		Appointed.		Salary.
Theodorick Bland,	of Annapolis,	1824,	<i>Chancellor,</i>	\$3,600
Louis Gassaway,	do.		<i>Register.</i>	
Cornelius McLean,	do.		<i>Auditor,</i>	Fees.

*Court of Appeals.*

		Appointed.		Salary.
John Buchanan,	of Williamsport,	1824,	<i>Chief Judge,</i>	\$2,500
John Stephen,	of Bladensburg,	1821,	<i>Associate Judge,</i>	2,200
Stevenson Archer,	of Bel-Air,	1823,	<i>do.</i>	3,000
Thomas B. Dorsey,	of Ellicott's Mills,	1824,	<i>do.</i>	2,200
Ezek. F. Chambers,	of Chestertown,	1835,	<i>do.</i>	2,200
Ara Spence,	of Snowhill,		<i>do.</i>	2,200
Richard W. Gill,	of Annapolis,		<i>Clerk &amp; Reporter,</i>	Fees.

*Baltimore City Court.*

Nicholas Brice,	<i>Chief Judge,</i>	\$2,400
W. G. D. Worthington,	<i>Associate Judge,</i>	1,500
Alexander Nisbet,	<i>do.</i>	1,500

The State is divided into six judicial districts, each comprising two, three, or four counties. For each district there are a chief judge and two associates, who constitute the County Courts for the respective counties in the district. These are the common law courts of original jurisdiction in the State; and they have jurisdiction of all claims for fifty dollars and upwards, appellate jurisdiction from the judgment of justices of the peace, and equity jurisdiction within the counties coextensive with the chancellor. The six chief judges constitute the Court of Appeals for the State, which has appellate jurisdiction of cases at law and in equity, originating in the County Courts, the Orphans' Courts, (of which there is one in each county,) and the Court of Chancery.

## DEBT.

In the annual message of the Executive, Dec., 1842, it is stated, that the debt of the State amounts to \$15,211,393.94, or deducting bonds issued for the purchase of railroad stock, not now chargeable on the treasury, to about *ten millions*. To this should be added the debt of the city of Baltimore, incurred in the cause of public improvement, which amounts to \$4,780,000. Six per cent. interest on these two sums is \$870,000, annually chargeable upon the whole property of the State, assessed at \$196,751,149, requiring a permanent tax of seventy-one cents on the hundred dollars for the city of Baltimore, and thirty-one cents for the residue of the State. Besides this permanent debt, there is \$859,656 due to the State Banks, to the Barings, and to the holders of State bonds on December 1, 1842, for interest in arrears. The income from sources other than the direct tax, is about equal to the ordinary expenses.

In view of these facts, the legislature passed a bill providing for the sale of the State's interest in all the works of internal improvement, the State receiving its own bonds in payment. The interest of the State in the following corporations was offered at the following prices, payment to be made in bonds bearing not less than 5 per cent. interest.

Baltimore and Ohio Railroad Company, . . . . .	\$4,200,000
Chesapeake and Ohio Canal Company, . . . . .	5,000,000
Tide Water Canal Company, . . . . .	1,000,000
Baltimore and Susquehanna Railroad Company, . . . . .	1,500,000
	<hr/>
	\$11,700,000

If this sale should be effected, the debt would be reduced to about four millions, from which must be deducted also the amount of the Sinking Fund, or \$1,179,276.

*Public Schools of the City of Baltimore.*

[Abstract of the Fourteenth Annual Report of the School Commissioners, 1843.]

1 High School with	105 pupils, under 1 Principal and 2 Assistants.
6 Schools for boys, with 1531	" " 1 " " 1 " each.
6 " " girls, " 825	" " 1 Female " 1 " "
6 Night Schools, " 345	" " 1 Principal " 1 " "
<hr/>	
19 schools,	2816 pupils and 39 teachers.
Salaries of Male Teachers of Day Schools, . . . . .	\$10,995.83
" " " " " Night Schools, . . . . .	1,800.00
" " Female Teachers, . . . . .	4,140.00
Aggregate expense of Public Schools for 1842, . . . . .	23,334.07

*Baltimore Inspections for 1842.*

Number of beef cattle and hogs, weighed at the State scales in 1842, and their weight.

Beef cattle,	Number.	Weight.
Hogs,	14,224	13,326,348 lbs.
	10,809	2,119,451
	25,033	15,445,799
Fish. Shad,	Barrels.	Half Bbls.
Herrings,	11,036	467
	42,501	205
	53,637	772
Flour. Howard Street,	Barrels.	Half Bbls.
City Mills,	326,994	6,566
Susquehanna,	193,358	20,396
	24,449	
	544,801	26,962

Besides the above, there were inspected, during the year, 5,436 barrels, and 34 half barrels rye flour, and 715 hogsheads, 7,772 barrels and 437 half barrels of corn meal.

We subjoin the inspections of flour for the last twelve years :

Years.	Barrels.	Half Barrels.	Total in Barrels.
1830,	587,875	19,859	597,804
1831,	544,373	21,537	555,141
1832,	518,674	17,644	527,446
1833,	524,620	18,072	533,656
1834,	480,733	17,264	498,365
1835,	516,600	21,333	527,266
1836,	393,924	13,593	400,720
1837,	391,676	14,777	409,064
1838,	420,636	19,223	430,217
1839,	550,962	19,786	560,875
1840,	764,115	31,606	779,918
1841,	613,016	31,716	628,974
1842,	544,801	26,962	558,262

*Inspection of different articles for 1842.*

Sole leather and rough skirting,			242,256 sides.
	Kegs.	Barrels.	Half Barrels.
Butter,	13,969	6	20
Lard,	26,657	1,214	484
	40,646	1,320	504
			10
			10
Beef,	Barrels.	Half Barrels.	Qr. Barrels.
Pork,	4,488	1,633	265
	9,343	217	
	13,831	1,850	265

Amount of tobacco remaining in the State warehouses in the city of Baltimore, on the 1st January, 1842,

Amount inspected during the year 1842,

Amount exported and consumed in 1842,

Leaving on hand on the 31st Dec. 1842,

This State is not yet divided into Districts for the election of members of Congress.

## XII. VIRGINIA.

## GOVERNMENT.

			Salary.
JAMES McDOWELL, of Rockbridge, Governor, (term ends Jan 1, 1846,)			\$3,333 1/2
John M. Patton, of Richmond, Senior Councillor of State, (term ends March 31, 1844,)			1,000
John Rutherford, do. Councillor of State, (term ends March 31, 1845,)			1,000
John F. Wiley, of Amelia Co. Councillor of State, (term ends March 31, 1846,)			1,000
Fabius M. Lawson, of Richmond, Treasurer,			2,000
James E. Heath, do. Auditor,			2,000
James Brown, Jr., do. 2d Auditor, and Superintendent of the Literary Fund,			2,000
Stafford H. Parker, do. Register of the Land Office,			1,500
Sidney S. Baxter, do. Attorney-General,		Fees &	1,000
W. H. Richardson, of Henrico Co. Secretary of the Commonwealth, Adjutant-General, and Librarian,			1,720
Thomas F. Lawson, of Richmond, Clerk of the Council,			1,000
Charles S. Morgan, do. Superinten. Penitentiary,			2,000
Charles Hunton, of Fauquier Co. Speaker of the Senate,			\$6 a day.
Joel Holleman, of Is. of Wight <sup>a</sup> Speaker of the House,			\$8 a day.

The Governor, Treasurer, Auditor, and 2d Auditor are, *ex officio*, members of the Board of Public Works, Literary Fund, and North Western Turnpike. They do not receive compensation for this service.

## JUDICIARY.

## Court of Appeals.

			Elected in	Salary.
William H. Cabell, of Richmond, President,		1830,		\$2,750
Francis T. Brooke, of Spottsylvania Co., Judge,		1830,		2,500
John J. Allen, of Botetourt Co., do.		1840,		2,500
Robert Stanard, of Richmond, do.		1839,		2,500
Briscoe G. Baldwin, of Staunton, do.		1842,		2,500
Joseph Allen, of Richmond, Clerk of the Eastern Circuit,				1,000
John A. North, of Lewisburg, Clerk of the Western Circuit,				1,000

The judges are entitled to receive, in addition to their salaries, 25 cents a mile for necessary travel. The Court of Appeals holds two sessions annually; one at *Lewisburg*, Greenbriar county, for the counties lying west of the Blue Ridge, commencing on the 2d Monday in July, and continuing 90 days, unless the business shall be sooner dispatched; the other

at *Richmond*, for the counties lying east of the Blue Ridge, commencing at such times as the Court may from time to time appoint, and continuing 160 days, unless the business shall be sooner dispatched. Suits commenced during the year ending August, 1842, 121; suits pending, 580; suits decided, 106. No. of days in session, 179.

### *General Court.*

The State is divided into ten Judicial Districts, and each District into two Circuits, except the 4th, which comprises three. The third Circuit of the 4th District is the 21st District of the State, containing but a single Court, called the "Circuit Superior Court of Law and Chancery for the county of Henrico and city of Richmond." In this Court, there are two judges; one on the law side, with a salary of \$1,800; the other on the chancery side with a salary of \$2,000. On the death, resignation, or removal of either of the two judges now attached to this court, his duties are to devolve on the other, without any increase of salary. In all the other circuits, the chancery and common law jurisdictions are blended in the same judges, each of whom has a salary of \$1,500, and \$4 for every 20 miles of necessary travelling.

<i>Judges.</i>	<i>Residence.</i>	<i>Judges.</i>	<i>Residence.</i>
1. Richard H. Baker,	of Nansemond Co.	12. L. P. Thompson,	of Amherst Co.
2. James H. Gholson,	of Petersburg.	13. Isaac R. Douglass,	of Morgan Co.
3. Thos. H. Bayley,	of Accomac.	14. Daniel Smith,	of Rockingham Co.
4. John B. Christian,	of Charles City Co.	15. Benjamin Estell,	of Wythe Co.
5. John T. Lomax,	of Fredericksburg.	16. James E. Brown,	of Wythe Co.
6. John Scott,	of Fauquier Co.	17. Edward Johnston,	of Botetourt Co.
7. John B. Clopton,	of Richmond.	18. Edwin S. Duncan,	of Harrison Co.
8. Daniel A. Wilson,	of Cumberland Co.	19. Lewis Summers,	of Kanhawa Co.
9. William Leigh,	of Halifax Co.	20. Joseph L. Fry,	of Wheeling.
10. Fleming Saunders,	of Franklin Co.	21. { Philip N. Nicholas,	of Richmond.
11. Richard H. Field,	of Culpepper Co.	{ John Robertson,	do.

### *Returns for the Year ending August, 1842.*

Judgments at Law,	20,178
Interlocutory Decrees,	2,615
Final Decrees,	1,778
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Total of Decisions, from which appeals may be had,	24,571
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Number of appeals allowed, less than half of one per cent,	121
Cases decided in the Court of Appeals,	106
<hr/>	
Excess,	15



A Circuit Superior Court of Law and Chancery is held twice every year in each county and corporation.

The judges who hold the Circuit Courts, are also required to hold every year, two terms of the General Court in the Capitol at Richmond. It is the duty of fifteen of the judges to attend this Court, eleven being necessary to form a quorum. One term begins on the last Monday in June; the other, on the 15th of December. The judges are required to arrange themselves into four classes, of five judges each, one of whom is exempt, in rotation, from attending the court.

The General Court has appellate jurisdiction in the last resort in criminal cases; also, original jurisdiction of probates and administrations, and some claims of the Commonwealth. Its judges, or a portion of them, sit as a special Court of Appeals, in cases in which the judges of the Court of Appeals, proper, are disqualified by interest or otherwise.

#### *County Courts.*

A County Court sits in each County every month, held by four or more Justices of the Peace. These Courts, formed of plain farmers or country gentlemen, are invested with a jurisdiction wider than that of any other Court in the State, covering almost the whole field of cognizance, civil, criminal, legal, and equitable. Any one Justice can hold a Court with jurisdiction over all causes in which the value does not exceed \$20. At the monthly and quarterly sessions, which are held by four or more Justices, deeds and wills may be proved, and chancery matters and suits at common law be heard and determined, with a right of appeal to a Superior Court, when the value at issue amounts to \$100 and upwards. These Courts, exclusively, try slaves for all offences; and they examine free persons charged with felony, previously to their trial in the Circuit Court. Free Negroes and Indians are on the same footing with slaves.

#### FINANCES.

[From the last Report of the Finance Committee.]

The State debt, including what was created for subscription to banks, and the war debt, and diminished by the amount of the sinking fund, and by the State stock held by the Board of Public Works, amounts to \$7,409,166. The annual interest on this debt is \$433,960. The ordinary expenses of government, as estimated for 1843, amount to \$457,000; making the whole annual charge \$890,960. The income of the State for the year is estimated at \$572,030, of which \$652,500 is produced by taxes and ordinary sources, \$49,242 by the bonus on bank capital, and \$153,160 by the income of bank stock owned by the State. In addition to the amount of indebtedness above mentioned, the State is liable, through its guaranty of the James River and Kenawha Company bonds, the old James River Company dividends, and to the Baltimore and Ohio Railroad, for \$2,572,520; making the total debts and liabilities of the Commonwealth, \$10,281,686.

*Taxes for 1842.*

On Lots,	\$63,353.38	On 2,682 Pianos,	\$4,649.00
Lands,	234,660.88	Plate Tax,	1,219.03
250,113 Slaves,	100,045.20	Insurance Offices,	2,190.81
332,929 Horses,	41,616.07	Pedlers,	6,665.16
9,200 Coaches,	23,427.13	Ordinary Keepers,	18,826.45
91 Stages,	325.31	Keepers of houses of	
2,417 Carryalls,	2,563.65	private entertainm't,	3,721.89
5,722 Gigs,	3,902.34	Venders of lottery tick.	8,405.96
Licenses to merchants,	90,260.98	Exhibitors of shows,	1,310.00
7,810 Gold Watches,	7,810.00	Owners of stud horses,	8,002.00
17,335 Silver Watches,	4,333.75		
11,629 Clocks,	5,814.50		
			<hr/>
			\$633,103.49

## VIRGINIA COAL.

The following is a statement of all the coal that has been mined from the coal mines of Eastern Virginia during the year 1842:

	Bushels.
From the Chesterfield Mines,	1,005,671
From the Tuckahoe Valley Mines,	539,736
From the Deep Run Mines,	180,265
	<hr/>
Total,	1,725,672

## CONGRESSIONAL DISTRICTS.

1. Isle of Wight, Nansemond, Princess Anne, Norfolk county, Norfolk borough, Sussex, Surry, and Southampton counties.
2. Nottoway, Greensville, Mecklenburg, Brunswick, Prince George, Amelia, Dinwiddie, and Petersburg.
3. Halifax, Henry, Patrick, Franklin, and Pittsylvania.
4. Campbell, Buckingham, Charlotte, Prince Edward, Cumberland, Fluvanna, and Lunenburg.
5. Albemarle, Nelson, Bedford, Greene, Orange, Amherst, and Madison.
6. Henrico, city of Richmond, Chesterfield, Powhatan, Hanover, Louisa, and Goochland.
7. York, Accomack, Northampton, Elizabeth City, Warwick, James City, Williamsburg, New Kent, Charles City, Matthews, Gloucester, Lancaster, and Northumberland.
8. Essex, Middlesex, King and Queen, Richmond county, Westmoreland, Caroline, Spottsylvania, King George, and King William.
9. Fauquier, Stafford, Rappahannock, Prince William, Fairfax, Loudoun, and Culpepper.
10. Frederick, Hampshire, Morgan, Berkeley, Jefferson, Clarke, Warren, and Page.
11. Rockingham, Rockbridge, Augusta, Pendleton, Hardy, and Shenandoah.
12. Monroe, Botetourt, Roanoke, Montgomery, Pulaski, Floyd, Giles, Mercer, Greenbriar, Pocahontas, Logan, Bath, and Alleghany.
13. Washington, Lee, Scott, Russell, Smyth, Wythe, Grason and Carroll, and Tazewell.
14. Kanawha, Jackson, Mason, Cabell and Wayne, Lewis, Braxton, Harrison, Wood, Fayette, and Nicholas.
15. Monongalia, Brooke, Ohio, Marshall, Tyler, Marion, Randolph, and Preston.

## XIII. NORTH CAROLINA.

## GOVERNMENT.

			Salary.
JOHN M. MOREHEAD,	<i>Governor</i> , (term of office expires January, 1, 1845.)	The use of a valuable furnished house &	\$2,000
William Hill,	of Raleigh,	<i>Secretary of State</i> ,	\$800 and fees.
John H. Wheeler,	of Lincoln Co.,	<i>Treasurer</i> ,	1,500
William F. Collins,	of Chatham Co.,	<i>Comptroller</i> ,	1,000
Stephen Birdsall,	<i>Clerk of the Treasury Department</i> ,		500

The officers of the executive are required to reside at Raleigh.

Louis D. Wilson, of Edgecombe Co., *Speaker of the Senate*.

Thomas G. Stone, of Franklin Co., *Clerk of Senate*.

Calvin Graves, of Caswell Co., *Speaker of the House of Commons*.

*Council of State*.—Henry Fitts, of Warren Co.; Gabriel Holmes, of New Hanover Co.; Thomas N. Cameron, of Fayetteville; Henry W. Conner, of Lincoln Co.; Alexander W. Mebane, of Bertie Co.; James Watt, of Rockingham Co.; and David Watson, of Chatham Co. Each Councillor receives \$3 *per diem* while in actual service, and \$3 for every thirty miles' travelling.

## JUDICIARY.

*Supreme Court.*

			Salary.
Thomas Ruffin,	of Orange Co.	<i>Chief Justice</i> ,	\$2,500
William Gaston,	of Newbern,	<i>Associate Justice</i> ,	2,500
Joseph J. Daniel,	of Halifax,	<i>do.</i>	2,500
James Iredell,	of Raleigh,	<i>Reporter</i> ,	{ \$300, with the copy-right of the Reports.
Edm. B. Freeman,		<i>Clerk</i> .	

The Supreme Court holds two sessions in each year, in the City of Raleigh; to wit, on the second Monday in June and the last Monday in December; and continues to sit at each term until all the business on the docket is determined, or continued upon good cause shown. It has power to hear and determine all questions at law, brought before it by appeal from a Superior Court of Law, and to hear and determine all cases in equity, brought before it by appeal from a Court of Equity, or removed there by the parties thereto. It has original and exclusive jurisdiction in repealing letters patent, and also has power to issue writs of *certiorari*, *scire facias*, *habeas corpus*, *mandamus*, and all other writs which may be

proper and necessary for the exercise of its jurisdiction, and agreeable to the principles and usages of law.

The Judges of the Supreme and the Superior Courts are elected by joint ballot of both houses of the General Assembly, hold their offices during good behaviour, and, under a provision in the amendments to the constitution of the State, their salaries cannot be diminished during their continuance in office.

*Judges of the Superior or Circuit Courts.*—Salary, \$1,950 each.

Thomas Settle,	of Rockingham.	John L. Bailey,	of Hillsborough.
John M. Dick,	of Greensboro'.	M. E. Manly,	of Newbern.
Frederick Nash,	of Hillsborough.	Wm. H. Battle,	of Chapel Hill.
R. M. Pearson,	of Davie Co.		

Spier Whitaker, of Halifax Co., *Attorney-General*.

*Solicitors.*

David Outlaw,	of Bertie Co.	Cadwallader Jones, Jr. of Orange Co.
Henry S. Clarke,	of Beaufort Co.	Hamilton C. Jones, of Rowan Co.
Robert Strange,	of Fayetteville.	John G. Bynum, of Rutherford.

Salary of each—\$20 for each Court which he attends, besides fees for conviction. The Attorney-General receives, in addition, \$100 for each term of the Supreme Court which he attends.

The Superior Courts of Law and the Courts of equity are holden in each and every county of the State, twice in each year, by the Judges thereof. For this purpose, the State is divided into seven circuits, each of which comprises about ten counties, and the Judges ride these circuits alternately, according to an arrangement agreed upon among themselves, the only restriction imposed upon them in making the arrangements being, that no Judge shall ride the same circuit twice in succession. As Judges of the Superior Courts of Law, they have jurisdiction of all pleas, real, personal, and mixed; of all suits and demands relative to legacies, filial portions, and estates of intestates; and also, of all pleas of the State and criminal matters of what nature, degree, or denomination soever, whether brought before them by original or mesne process, or by *certiorari*, writs of error, appeal from any inferior Court, or by any other way or means whatsoever. As Judges of the Courts of Equity, they have all the jurisdiction and powers appertaining to Courts of Chancery.

CONGRESSIONAL DISTRICTS.

1. Cherokee, Macon, Haywood, Buncombe, Henderson, Rutherford, Burke, Yancey, Cleveland, and Caldwell.
2. Mecklenburg, Lincoln, Iredell, Davie, Rowan, and Cabarrus.
3. Ashe, Wilkes, Surry, Stokes, Rockingham, and Caswell.
4. Richmond, Montgomery, Anson, Stanly, Davidson, Guilford, and Randolph.

5. Wake, Chatham, Cumberland, Moore, Johnston, and Wayne.  
 6. Robeson, Columbus, Bladen, Brunswick, New Hanover, Sampson, Duplin, Lenoir, Onslow, and Jones.  
 7. Orange, Person, Granville, Franklin, Warren, and Halifax.  
 8. Nash, Edgecombe, Pitt, Greene, Beaufort, Washington, Tyrrell, Hyde, Craven, and Carteret.  
 9. Martin, Bertie, Hertford, Northampton, Gates, Chowan, Perquimans, Pasquotank, Camden, and Currituck.

#### XIV. SOUTH CAROLINA.

##### GOVERNMENT.

<b>JAMES H. HAMMOND</b> , <i>Governor</i> , (term expires Dec. 1844.)		Salary.
<b>Isaac D. Witherspoon</b> , of York, <i>Lieutenant-Governor</i> .		\$3,500
<b>Robert Q. Pinckney</b> , of Charleston,	<i>Secretary of State</i> ,	Fees.
<b>William Laval</b> , of Charleston,	<i>Comptroller-General</i> ,	2,000
<b>B. R. Carroll</b> ,	do. <i>Treasurer, Lower Division</i> ,	2,000
<b>Julius J. Du Bose</b> , of Columbia,	do. <i>Upper Division</i> ,	1,600
<b>Thomas Frean</b> , of Newberry,	<i>Surveyor-General</i> ,	Fees.
<b>H. Bailey</b> , of Charleston,	<i>Attorney-General</i> , 1,100 and	Fees.
<b>John A. Leland</b> , of Columbia,	<i>Super't of Public Works</i> ,	1,500
<b>F. H. Elmore</b> , of Charleston,	<i>Pres. Bank of the State of S. C.</i>	3,000
<b>A. Patterson</b> , <i>President of the Senate</i> .		
<b>W. F. Colcock</b> , <i>Speaker of the House of Representatives</i> .		
<b>W. E. Martin</b> , <i>Clerk of the Senate</i> ;		1,000
<b>Thomas W. Glover</b> , of Orangeburg, <i>Clerk of the House of Rep's</i> .		1,000

##### JUDICIARY.

###### *Chancellors in Equity.*

		Appointed.	Salary.
<b>Job Johnston</b> ,	of Newberry,	1830	\$3,000
<b>William Harper</b> ,	of Fairfield,	1835	3,000
<b>David Johnson</b> ,	of Columbia,	1815	3,500
<b>Benj. Faneuil Dunkin</b> ,	of Charleston,	1837	3,000

###### *Judges of the General Sessions and Common Pleas.*

<b>D. L. Wardlaw</b> ,	of Abbeville,	1841,	\$3,000
<b>John S. Richardson</b> ,	of Sumter,	1818,	3,500
<b>Josiah J. Evans</b> ,	of Society Hill,	1829,	3,000

		Appointed.	Salary.
Baylis J. Earle,	of Greenville,	1835,	3,000
A. Pickens Butler,	of Edgefield,	1835,	3,000
J. B. O'Neill,	of Newberry,	1835,	3,000
J. J. McMullan,	of Lancaster, <i>State Reporter</i> ,	1841,	1,500

"Appeal Courts of Law and of Equity shall hereafter be heard and determined in *Columbia*," on the first Monday in May, and on the fourth Monday in November, in every year.

"The Courts for the correction of Errors, consisting of all the Chancellors, and Judges of the Courts of Law, shall be held at such time during the sitting of the Courts of Appeal, as the Chancellors and Judges may appoint." *Acts of the General Assembly, passed in December, 1842.*

Alexander Herbemont, *Clerk of the Court of Appeals.*

#### SOUTH CAROLINA RAILROAD.

The report of the operations of the Company for the half year ending July, 1843, is exceedingly gratifying:

Receipts,	\$215,982.31
Expenses,	123,256.72
Net income,	92,725.59
Net income of the corresponding period of 1842,	59,428.47
Net increase,	33,297.12
For the year ending July 1st, the net profits of the Hamburg Railroad have been	140,686.55
Of the Columbia Branch,	53,492.75
Total,	\$194,179.30

The Columbia Branch has been in operation only one year, and so far exceeds the expectations even of the sanguine. During the current cotton year, 60,000 bales have been conveyed by it. The gross receipts on the Hamburg road, its first year, were \$166,559; its receipts the second year amounted to \$249,753. Meantime the roads are in good order. Expenses have been reduced, and improvements made in the locomotives, as well as in the method of working.

#### CONGRESSIONAL DISTRICTS.

1. York, Chester, Union, and Spartanburg counties.
2. Anderson, Pickens, Greenville and Laurens.
3. Richland, Lancaster, Kershaw, Fairfield, and Sumter.
4. Chesterfield, Darlington, Marlboro', Marion, Williamsburgh, Georgetown, and Horry.
5. Edgefield, Abbeville, Newberry, and Lexington.
6. Charleston district, except the parish of St. John Colleton.
7. Barnwell, Orangeburgh, Colleton, Beaufort, and the parish of St. John Colleton.

## XV. GEORGIA.

## GOVERNMENT.

			Salary.
CHARLES J. McDONALD, of Muscogee Co. <i>Governor</i> , (term of office expires, November, 1843,)			\$3,000
J. W. A. Sanford,	of Baldwin,	<i>Secretary of State</i> ,	1,600
Benjamin B. Smith,	of Twiggs Co.	<i>Treasurer</i> ,	1,600
John G. Park,	of Gwinnett Co.	<i>Comptroller-General</i> ,	1,600
Alfred M. Horton,	of Baldwin Co.	<i>Surveyor-General</i> ,	1,600

The officers of the executive government are required by law to reside, during their term of office, at Milledgeville.

R. M. Echols,	of Walton Co.,	<i>President of the Senate</i> ,	\$5 a day.
James Jackson,		<i>Secretary of the Senate</i> ,	500
W. B. Wofford,	of Habersham Co.,	<i>Speaker of H. of Rep.</i> ,	5 a day.
John H. Dyson,		<i>Clerk of H. of Rep.</i> ,	500

The pay of the members of the Legislature is \$4 a day.

## JUDICIARY.

The State is divided into eleven Circuits, with a Judge for each.

			Salary.
Charles S. Henry,	of Chatham Co.,	<i>Judge of the Eastern Circuit</i> ,	\$1,800
John Schley,	of Richmond Co.,	<i>do. Middle do.</i>	1,800
Garnet Andrews,	of Wilkes Co.,	<i>do. Northern do.</i>	1,800
Junius Hillyer,	of Clarke Co.,	<i>do. Western do.</i>	1,800
Francis Cone,	of Greene Co.,	<i>do. Ockmulgee do.</i>	1,800
Carlton B. Cole,	of Twiggs Co.,	<i>do. Southern do.</i>	1,800
Edward D. Tracy,	of Bibb Co.,	<i>do. Flint do.</i>	1,800
Joseph Sturgis,	of Muscogee Co.,	<i>do. Chattahoochee do.</i>	1,800
— Anderson,	of Cobb Co.,	<i>do. Cherokee do.</i>	1,800
Wm. W. Ezzard,	of DeKalb Co.,	<i>do. Coweta do.</i>	1,800
William Taylor,	of Early Co.,	<i>do. Southwestern do.</i>	1,800
James Gardner, of Richmond Co., <i>Attorney-General</i> , \$250 and perquisites.			
Levi S. De Lyon, of Chatham Co., <i>Judge of Court of Oyer and Terminer</i> , Savannah,			1,000
John W. Wilde, of Richmond Co., <i>Judge of Court of Oyer and Terminer</i> , Augusta,			1,000

*Inferior Court.*

An Inferior Court is held in each county, composed of five justices, elected by the people every four years. These Courts possess the powers of Courts of Probate. The justices have no salary.

## RAILROADS.

The *Central Railroad*, from Savannah to Macon, 190 miles, is now completed and in operation. The capital stock of the company is \$2,000,000, with banking powers. The receipts on this railroad, for the year ending on the 1st of April, 1843, when it was completed only for 148 miles, amounted to \$248,026, and the expenses to \$109,819, making a net profit of \$138,207. The receipts from passengers were less by about \$10,000 than in the preceding year, there being a falling off of 3,700 in the number of passengers. The number of passengers was 19,075; receipts, \$61,935. The receipts from freight amounted to \$154,165, which is an increase of \$35,000 over the receipts of the preceding year. The receipts for conveyance of the mail, rents, storage, &c., amounted to \$31,926. The quantity of cotton transported was 63,276 bales.

The *Monroe Railroad* commences at Macon, passes through Forsyth and Griffin, is 101 miles long, and unites with the State road at Whitehall, DeKalb county. It is now nearly completed.

The *Western and Atlantic Railroad* is a State work, and will be 118 miles in length, from Whitehall, as above, to Ross's landing, on the Tennessee river, near the Georgia and Tennessee State line. It was commenced early in 1839, and 52 miles are now in operation.

The *Hiwassee Railroad*, 94½ miles in length, is to extend from Knoxville, Tenn., to the Georgia State line, where it will unite with the Western and Atlantic railroad. This road has been several years in progress, and will probably soon be completed.

The length of railroad communication between Knoxville and Savannah, will be 503½ miles, viz: Hiwassee railroad, 94½; Western and Atlantic, 118; Monroe, 101; Central, 190 miles. The distance to Charleston, S. C., will be rather more, viz: Hiwassee, 94½; Western and Atlantic, 118. From Whitehall to Madison, Georgia, about 75; Madison to Augusta, by the Georgia railroad, 101; Augusta to Charleston, by the South Carolina railroad, 136 miles. Total from Knoxville to Charleston, 527½ miles. The distance from Washington city to Knoxville, is stated at 516 miles.

This State is not divided into districts for the choice of members of Congress.



## XVI. ALABAMA.

## GOVERNMENT.

			Salary.
BENJAMIN FITZPATRICK, <i>Governor</i> , (term of office expires on the 1st Monday in December, 1845.)			\$2,500
William Garrett,	<i>Secretary of State</i> ,	Fees and	1,000
Jefferson C. Vandyke,	<i>Comptroller of Public Accounts</i> ,	Fees and	1,000
Samuel G. Frierson,	<i>State Treasurer</i> ,	Fees and	1,000
Matthew W. Lindsey,	<i>Attorney-General</i> ,	Fees and	425

The Secretary of State is elected for two years; and the Comptroller and Treasurer annually; all by a joint vote of the two Houses of the General Assembly.

The *Senate* consists of 33 members, elected for three years, one third annually; the *House of Representatives*, of 100 members, elected annually. The pay of the members of both houses is \$4 a day each.

## JUDICIARY.

*Supreme Court.*

			Salary.
Henry W. Collier,	of Tuscaloosa,	<i>Chief Justice</i> ,	\$2,250
Clement C. Clay,	of Huntsville,	<i>Associate Justice</i> ,	2,250
John J. Ormond.	of Tuscaloosa,	<i>do.</i>	2,250

The judges of the Supreme and Circuit Courts, and also the Chancellors, are elected by a joint vote of the two Houses of the General Assembly, for six years. The judges are the reporters of their own decisions, and are allowed to print, at their own expense, any number, not exceeding 500, of their reports, to be circulated out of the State.

The Supreme Court has appellate jurisdiction only, — and only upon points of law, taken up from the Circuit or County Courts, by writ of error. This Court sits at Tuscaloosa, the seat of government, on the 1st Mondays of January and June; and it commonly sits six or eight weeks at each term.

*Court of Chancery*;—established in 1839, and remodelled in 1841.

			Salary.
Southern Division, Anderson Crenshaw, of Greenville, Butler Co., <i>Chancellor</i> ,			\$1,500

This division includes the counties of Mobile, Baldwin, Washington, Clarke, Sumter, Marengo, Monroe, Conecuh, Covington, Butler, Dale, Coffee, Henry, Barbour, Pike, Montgomery, Lowndes, and Wilcox.

Salary.

Middle Division, Joshua L. Martin, of Tuscaloosa, *Chancellor*, \$1,500

This division includes the counties of Russell, Chambers, Randolph, Macon, Tallapoosa, Coosa, Autauga, Dallas, Perry, Greene, Tuscaloosa, Pickens, Fayette, Marion, Walker, Jefferson, Bibb, and Shelby.

Northern Division, Alexander Bowie, of Talladega, *Chancellor*, 1,500

This division includes the counties of Lauderdale, Franklin, Lawrence, Limestone, Madison, Morgan, Blount, St. Clair, Marshall, Jackson, DeKalb, Cherokee, Benton, and Talladega.

One session of the Court is held annually in each Division; and the Chancellors are required, to alternate with each other, so that neither may preside twice in succession in either Division. A separate Chancery Court is held in the County of Montgomery, on the 1st Monday in July in each year.

## CIRCUIT COURTS.

Judges.	Residence.	Circuit.	Salary.	Attorneys.	Residence.
John D. Phelan, Ezekiel Pickens; W. K. Baylor, Daniel Coleman, George W. Lane, John Bragg, Samuel Chapman, Abraham Martin, Geo. W. Stone,	Marion, Selma,  Athens, Huntsville, Mobile, Livingston, Montgomery.	1st, 2d, 3d, 4th, 5th, 6th, 7th, 8th, 9th,	\$2,000 1,500 1,500 1,500 2,000 1,500 1,500 2,000 1,500	William M. Brooks, Nathaniel Cook, Matth. W. Lindsey, Edward A. O'Neil, William Ackfen, Percy Walker, C. E. B. Strode, Sampson W. Harris, Thomas G. Garrett,	Linden. Hayneville. Tuscaloosa. Florence. Huntsville. Mobile. Livingston. Montgomery. Talladega.

Counties.		Seats of Justice.		Counties.		Seats of Justice.	
1st Circuit.	Bibb, Autauga, Coosa, Perry, Marengo;	Centreville. Washington. Rockford. Marion. Linden.		6th Circuit.	Baldwin, Washington, Clarke, Monroe, Mobile,	Blakely. Barryton. Macon. Monroeville. Mobile.	
2d Circuit.	Covington, Conecuh, Butler, Lowndes, Wilcox, Dallas,	Montezuma. Sparta. Greenville. Haynesville. Camden. Cahawba.		7th Circuit.	Blount, Walker, Marion, Fayette, Pickens, Sumter,	Blountsville. Jasper. Pikeville. Fayette C. H. Carrollton. Livingston.	
3d Circuit.	St. Clair, Shelby, Jefferson, Tuscaloosa, Greene,	Ashville. Shelbyville. Elyton. Tuscaloosa. Eutaw.		8th Circuit.	Montgomery, Pike, Coffee, Dale, Henry, Barbour,	Montgomery. Monticello. Wellborne. Newton. Columbia. Clayton.	
4th Circuit.	Lawrence, Franklin, Lauderdale, Limestone, Morgan,	Mogilton. Russellville. Florence. Athens. Sommerville.		9th Circuit.	Macon, Russell, Chambers, Tallapoosa, Randolph, Talladega,	Tuskegee. Crawford. La Fayette. Dadeville. M'Donald. Talladega.	
5th Circuit.	Madison, Marshall, Jackson, DeKalb, Cherokee, Benton,	Huntsville. Warrenton. Bellefonte. Lebanon. Cedar Bluff. Jacksonville.					

The Circuit Court has original jurisdiction in all civil and criminal causes in the State; and appellate jurisdiction in all appeals and *certioraris* brought up from inferior tribunals. All Circuit Court judges and chancellors elected after the passage of an Act approved Dec. 29<sup>th</sup>, 1842, are to receive a salary of \$1,500. This accounts for the inequality in the salaries mentioned above. The attorneys receive \$250 and fees.

Two Criminal Courts are held in the city of Mobile, by the judge and solicitor of the sixth Circuit, on the 4th Mondays of February and June in each year.

### FINANCES.

The total amount of outstanding bonds of the State of Alabama, on the 1st day of November, 1842, was nine million eight hundred and thirty four thousand five hundred and fifty-five dollars, according to the report of the Cashier of the State Bank. The amount has not been increased.

The legislature, at its session in 1843, passed an act laying a tax of 20 cents per hundred dollars on real estate, and specific taxes upon other species of property, sales at auction, &c. It is supposed there will be realized from this tax about \$250,000; which will be sufficient to defray the expenses of government, and leave a balance of about \$100,000 for other purposes. The following is a specimen of the items in the bill:

Slaves under ten years of age, ten cents each; over ten years, unless superannuated, sick, or disabled, 50 cents.

Free negroes and mulattoes, \$1 each.

White males between 21 and 45 years, 25 cents.

Goods at auction, 2 per cent.

Moneys at interest  $\frac{1}{4}$  of 1 per cent.

Moneys employed in shaving, 30 cents per \$100.

Exchange, 50 cents per \$100.

Billiard tables, \$50 each; bagatelle tables, nine-pin alleys, &c., \$10 each.

Commission merchants and factors, 20 cts. per \$100 on amount of sales

Tavern licenses, \$10; licenses to retail liquor, \$50 each.

Cotton stored in warehouses, 1 mill per bale.

### CONGRESSIONAL DISTRICTS.

1. Mobile, Washington, Baldwin, Clarke, Monroe, Conecuh, Butler, Wilcox, and Marengo.
2. Covington, Dale, Henry, Coffee, Pike, Barbour, Macon, Montgomery, and Russell.
3. Dallas, Lowndes, Autauga, Perry, Bibb, Jefferson, Shelby, and Coosa.
4. Green, Sumter, Pickens, Tuscaloosa, and Fayette.
5. Limestone, Lauderdale, Franklin, Lawrence, Morgan, Marion, and Walker.
- Madison, Jackson, Marshall, DeKalb, Blount, and St. Clair.
- Cherokee, Benton, Talladega, Randolph, Chambers, and Tallapoosa.

## XVII. MISSISSIPPI.

## GOVERNMENT.

	Salary.
TILGHMAN M. TUCKER, <i>Governor</i> , (term of office from January, 1842, to January, 1844,)	\$3,000
Lewis G. Galloway, <i>Secretary of State</i> , (term ends Nov. 1843,)	\$3,000
Gen. William Clark, <i>State Treasurer</i> ,	2,000
James E. Matthews, <i>Auditor of Public Accounts</i> ,	3,000

## JUDICIARY.

*High Court of Errors and Appeals.*

	Term ends.	Salary.
William L. Sharkey, of Vicksburg, <i>Presiding Judge</i> ,	Nov. 1847,	\$3,000
Alexander M. Clayton, <i>Judge</i> ,	do. 1842,	3,000
Edward Turner, of Franklin Co. <i>do.</i>	do. 1843,	3,000
John D. Freeman, <i>Attorney-Gen.</i>	do. 1842,	1,000
Robert A. Patrick, <i>Clerk.</i>		

This Court, which has no jurisdiction except what properly belongs to a Court of Errors and Appeals, holds its sessions annually at Jackson, commencing on the 1st Monday in January and July.

*Superior Court of Chancery.*

	Term ends.	Salary.
Robert H. Buckner, of Hinds Co., <i>Chancellor</i> ,	Nov. 1843,	\$4,000
R. L. Dixon, of Jackson, <i>Clerk.</i>		

This Court, which has jurisdiction over all matters, pleas, and complaints whatsoever, belonging to, or cognizable in, a Court of Equity, holds two sessions annually, on the 1st Monday of December and June, and continuing as long as business requires.

An Inferior Court of Chancery, styled the "District Chancery Court of the State of Mississippi," was created by act, approved 26th Feb. 1842.

*District Chancery Court.*

		Salary.
Joseph W. Chalmers, <i>Vice Chancellor</i> , (term expires Nov. 1843,)		\$3,000
M. McCarthy, <i>Clerk</i> ,	at Columbus,	Fecs.
M. N. W. Smith, <i>do.</i>	at Fulton,	do.
Jas. C. Alderson, <i>do.</i>	at Holly Springs,	do.
W. Hemingway, <i>do.</i>	at Carrollton.	do

*Time of holding Court.*

For the counties of Lowndes, Winston, Oktibbeha, Kemper Noxubee, and Neshoba, 1st Monday in May and November. For the counties of Itawamba, Pontotoc, Monroe, Chickasaw, and Tishamingo, 3d Monday in May and November. For the counties of Marshall, Coahoma, Tippah, De Soto, Ponola, Lafayette, and Tunica, 1st Monday in January and July. For the counties of Carroll, Choctaw, Holmes, Yalabusha, and Tallahatchie, 3d Monday in June and December.

This Court has concurrent power and jurisdiction within the district with the Superior Court of Chancery, when the amount in controversy does not exceed \$500,000. The Vice Chancellor is elected for the term of 4 years; appoints the Clerks, who hold their office for 4 years; he must be at least 30 years of age. Appeals may be made to the Superior Court of Chancery, unless by consent of both parties, when the same may be taken directly to the High Court of Errors and Appeals.

*District or Circuit Courts.*

The Judicial divisions were reorganized in 1840, and formed into 11 Districts, or Circuits. The salary of the Judges is \$2,000 each.

Dist.	Judges.	District Attorneys.	Counties of the Districts.
1.	George Coalter,	Elbridge G. Walker,	Warren, Claiborne, Washington, and Bolivar.
2.	B. F. Caruthers,	G. F. Neill,	Yalabusha, Carroll, Choctaw, and Tallahatchie.
3.	C. C. Cage,	Stanhope Posey,	Adams, Wilkinson, and Jefferson.
4.	A. G. Brown,	E. G. Peyton,	Smith, Copiah, Simpson, Scott, Covington, and Lawrence.
5.	Henry Mounger,	John Watts,	Jackson, Harrison, Jones, Green, Perry, Wayne, Jasper, Clarke, Lauderdale, and Newton.
6.	H. S. Bennett,	Henry Gray.	Noxubee, Lowndes, Kemper, Winston, Ocibbeha, and Neshoba.
7.	J. H. Rollins,	Franklin Smith,	Hinds, Madison, and Rankin.
8.	Jas. M. Howry,	George A. Wilson,	De Soto, Coahoma, Tunica, Ponola, Lafayette, and Marshall.
9.	Stephen Adams,	John W. Thompson,	Monroe, Itawamba, Tishamingo, Pontotoc, Chickasaw, and Tippah.
10.	M. L. Fitch,	Robert C. Perry,	Yazoo, Holmes, Attala, and Leake.
11.	V. T. Crawford,	John T. Lamkin,	Hancock, Marion, Pike, Amite, and Franklin.

A Circuit Court is holden in each county twice a year. This Court has original jurisdiction, in civil cases, in which the principal of the sum in controversy exceeds \$50. It has chancery jurisdiction in all cases under \$500; and has power to foreclose mortgages, without limit as to sum. It has also exclusive criminal jurisdiction.

Judges of the High Court of Errors and Appeals, and the Chancellor, are chosen by the electors for six years; the Judges of the Circuit Courts, Attorney-General, and District Attorneys, as well as all military officers, are chosen by the electors for four years; all other officers, for two years.

## XVIII. LOUISIANA.

## GOVERNMENT.

			Salary.
ALEXANDER MOUTON, of Vermillionville, Governor, (from	January 4th, 1843, to January 4th, 1847,)		\$6,000
Robert C. Nicholas, of St. James,	Secretary of State,		2,000
William Debuys, of New Orleans,	Treasurer,		4,800
Louis Bringier,	Surveyor-General,		600
John S. Armant, of St. James,	Adj. and Inspector-General,		2,000
Isaac T. Preston, of Jefferson,	Attorney-General,		3,000
Raphael Toledano,	Auditor of Auction Accounts,		2,500
Martin G. Penn, of Covington,	State Engineer,		3,500
Felix Garcia, of German Coast Co.,	Pres. of the Senate,	\$4 a day.	
Charles Derbigny, of Jefferson,	Speaker of the House,	\$4 a day.	

The Senate consists of 17 members, elected one half biennially, for the term of 4 years. The House of Representatives has 60 members, elected biennially. The legislature meets annually, and the members of both branches receive \$4 a day during the session, which usually lasts 90 or 100 days. The Secretary of State, and State Treasurer, are *ex officio* members, and form the *Board of Currency*, with an additional salary of \$1,200.

## JUDICIARY.

*Supreme Court.*

			Salary.
Francois X. Martin, of New Orleans,	Judge,		\$5,000
Alonzo Morphy, do.	do.		5,000
Henry A. Bullard, of Alexandria,	do.		5,000
Edward Simon, Western District,	do.		5,000
Rice Garland, do.	do.		5,000
Adolphe Cuvillier, Clerk at New Orleans,			Fees.
Stephen E. Curry, do. Alexandria,			Fees.
Merit M. Robinson, Reporter,			Perquisites.

This Court has *appellate jurisdiction only* in all cases where the matter in dispute exceeds \$300.

*District Courts.*

			Salary.
A. M. Buchanan, of New Orleans,	Judge, 1st District,		\$4,000
Thomas C. Nichols, of Donaldsonville,	do. 2d do.		2,500
Isaac Johnson, of St. Francisville,	do. 3d do.		2,500

Horace F. Dibleux,	of Plaquemine,	Judge, 4th District,	\$2,500
George R. King,	of Opelousas,	do. 5th do.	2,500
H. Boyces,	of Rapides,	do. 6th do.	2,500
E. K. Wilson,	of Monroe,	do. 7th do.	2,500
Jesse R. Jones,	of Covington,	do. 8th do.	2,500
Thomas Curry,	of Vidalia,	do. 9th do.	2,500
James G. Campbell,	of Natchitoches,	do. 10th do.	2,500

These Courts, except in the 1st District, hold two terms annually. They exercise criminal jurisdiction, except in the 1st District, where it is transferred to the Criminal Court.

*Parish Court of New Orleans.*

(General Jurisdiction.)

Charles Maurian, Parish Judge,	Salary.
	\$3,000

*Commercial Court, New Orleans.*

Charles Watts, Judge,	4,000
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*Court of Probate, New Orleans.*

Joachim Bermudez, Judge,	3,500
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*City Court of New Orleans.*

Thomas W. Collens, Presiding Judge,	3,000
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*Criminal Court; 1st District.*

John Francois Canonge, Judge,	3,000
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These Courts, and that of the 1st District, hold sessions for 8 months in the year. The City Court is required to be open every day, except Sundays and holidays, in the year.

*Court of Errors and Appeals in Criminal Cases.*

Thomas C. Nichols, (Judge of 2d District,)	Judges,	\$500
Isaac Johnson, { do. 3d do. }		
George R. King, { do. 5th do. }		

The legislature, at its last session, provided "a Court of Errors and Appeals in Criminal cases," to be composed of three of the District Judges, with an additional salary of \$500 per annum. The law says, "this Court shall have *appellate jurisdiction only*, with power to review questions of law; which questions shall be presented by bills of exceptions taken to the opinion of the Judges of the lower Court, or by assignment of errors apparent on the face of the record, taken and made in the manner and form as is now provided by law for appeals in civil cases." This court is required to hold two sessions annually in New Orleans, commencing the first Monday of February and July of each year.

*System of Public Schools in the Second Municipality of New Orleans.*

On the 16th of February, 1841, the Legislature of the State passed a law, by which it is made the duty of the Council of each Municipality "to enact such ordinances as may appear meet and proper for the organization, government, and discipline of one or more public schools in each Municipality, for the gratuitous education of the children residing therein." Power is granted to levy taxes for the support of schools, and the Treasurer of the State is required to pay annually, towards their support, the sum of \$2.16½ cents for each and every taxable inhabitant in the several municipalities. On the 23d of March, the council of the second municipality passed an ordinance providing for the election annually of four citizens from each ward, who, with a standing committee of the council on education, constitute the Board of Directors of Public Schools. To this board are committed the entire management and superintendence of the school, the choice of books and teachers, the studies, discipline, &c. To insure the working of the system, the Hon. J. A. Shaw, formerly a member of the Senate of Massachusetts, and a teacher of great experience and success, was employed, at a liberal salary, to devote his whole time to the organization of the schools, and to the introduction of the best methods of instruction and government. School-rooms were hired, and teachers employed on a liberal salary, and the first school was opened near the close of 1841, with only *twenty-six pupils* of both sexes. In less than a month, *three hundred and nineteen* pupils had been registered, and at the expiration of a year, fifteen hundred and fifty had joined the several schools, while the daily attendance exceeded one thousand. This result will compare favorably with the returns of any of our northern cities. When in complete operation, the system will embrace three grades of schools, viz., primary, intermediate, and high; the last is not yet established. The primary schools are all taught by females; the intermediate schools for boys, by males, assisted by females; and those for girls, by a female principal and female assistants. The teachers are paid liberally, as compared with their compensation elsewhere; the superintendent receiving \$2,500, and the male assistants each \$1,200; the female principal \$1,000, and the female assistants each \$500. In addition to the ordinary studies pursued in common schools, vocal music is taught as a regular branch under a teacher, who visits each school for this purpose three times a week, and with the happiest results. The teachers are required to assemble together semi-monthly, with the superintendent and a committee of the board of directors, for conversation and discussion of topics connected with the improvement of the schools. Connected with the public schools, a library of books suitable for teachers and scholars has been commenced, which numbers at this time over 300 volumes. One new school-house has been constructed, in the centre of a spacious lot, with most of the recent improvements. The annual expenses of the system will be about \$13,000.



## CONGRESSIONAL DISTRICTS.

1. First and Third Municipalities of New Orleans, the suburb Trémés, and the Parishes of St. Bernard and Plaquemines.

2. The Second Municipality of New Orleans, that part of the Parish of Orleans situated on the right bank of the river Mississippi, and the Parishes of Jefferson, St. Charles, St. John the Baptist, St. James, Ascension, Assumption, Lafourche Interior, and Terrebonne.

3. The Parishes of Avoyelles, Catahoula, Carroll, Madison, Concordia, St. Tammany, St. Helena, Livingston, Washington, East Feliciana, West Feliciana, Pointe Coupée, East Baton Rouge, West Baton Rouge, and Iberville.

4. The Parishes of St. Mary, St. Martin, Calcasieu, Lafayette, St. Landry, Rapides, Natchitoches, Caddo, Claiborne, Union, Ouachita, and Caldwell.

## XIX. ARKANSAS.

## GOVERNMENT.

Salary.

ARCHIBALD YELL, of Little Rock, <i>Governor</i> , (term of office from November, 1840, to November, 1844,)	\$1,800
David B. Greer, of Little Rock, <i>Secretary of State</i> ,	600
Elias N. Conway, do. <i>Auditor of Public Accounts</i> ,	800
John Hutt, do. <i>Treasurer</i> ,	800
Samuel Adams, <i>President of the Senate</i> .	
Thomas M. Collins, <i>Speaker of the House</i> .	

The election of State officers is on the 1st Monday in October, 1842, and biennially. Number of Senators, 21. Number of Representatives, 64.

*Supreme Court.*

Salary.

Daniel Ringo, of Little Rock, <i>Chief Justice</i> ,	\$1,500
Thomas J. Lacy, of Arkansas, <i>Associate Justice</i> ,	1,500
Townsend Dickenson, of Batesville, do.	1,500
Albert Pike, of Little Rock, <i>Reporter</i> .	

*Circuit Court.*

Judges.	Salary.	Prosecuting Attorneys.
1st Circuit, W. K. Sebastian,	\$1,000	Alonzo Thomas.
2d do. Isaac N. Baker,	1,000	John Raam.
3d do. Thos. Johnson,	1,000	S. S. Tucker.
4th do. Joseph M. Hoge,	1,000	Alfred Wilson.
5th do. J. J. Clendennen,	1,000	Robert W. Johnson.
6th do. Wm. Conway,	1,000	G. D. Boynton.
7th do. R C S. Brown,	1,000	John M. Wilson.

The Supreme Court has appellate jurisdiction only, except in particular cases pointed out by the constitution. The judges are elected by the General Assembly, by a joint vote of both Houses, for eight years.

The Circuit Court has original jurisdiction over all criminal cases, which are not otherwise provided for by law; and exclusive original jurisdiction of all crimes amounting to felony at the common law; and original jurisdiction of all civil cases which are not cognizable before Justices of the Peace, until otherwise directed by the General Assembly; and original jurisdiction in all matters of contract, where the sum in controversy is over one hundred dollars. The Judges are elected by the General Assembly, for a term of 4 years.

This State chooses but one member of the United States House of Representatives.

## XX. TENNESSEE.

### GOVERNMENT.

	Salary.
JAMES C. JONES, <i>Governor</i> , (term of office expires Oct. 1845,)	\$2,000
John S. Young, <i>Secretary of State</i> ,	\$750 and fees.
Miller Francis, <i>Treasurer of the State</i> ,	1,500
Daniel Graham, <i>Comptroller</i> ,	2,000
Scott Terry, <i>Superintendent of Instruction</i> ,	1,500
West H. Humphreys, <i>Attorney-General</i> ,	1,000 and fees.
Gerard Troost, M. D., <i>State Geologist</i> ,	500

The legislature consists of a *Senate* of 25 members, and a *House of Representatives* of 75 members; all elected for two years. The members of the present legislature were elected in August, 1843. Pay of the Senators and Representatives, \$4 per day.

The Judges of the Supreme Court are elected by a joint vote of the two Houses of the General Assembly, for the term of 12 years; and those of the inferior courts, in the same manner, for the term of 8 years.

### JUDICIARY.

#### *Supreme Court.*

	Salary.
William B. Turley, of Jackson, <i>Judge, Western Division</i> ,	\$1,800
William B. Reese, of Knoxville, <i>do. Eastern do.</i>	1,800
Nathan Greene, of Winchester, <i>do. Middle do.</i>	1,800

*Court of Chancery.*

		Salary.
Andrew McCampbell, of Paris,	Chancellor, Western Division,	\$1,500
Thos. L. Williams, of Knoxville,	do. Eastern do.	1,500
Lunsford M. Bramlett, of Pulaaski,	do. Middle do.	1,500
B. L. Ridley, of Rutherford Co.	do. Fourth do.	1,500

*Circuit Courts.*

The State comprises 14 circuits, and the judges were elected in January, 1836. Salary of each judge, \$1,500.

1. Seth J. W. Lucky, of Jonesborough.	8. Edm. Dillahunty, of Columbia.
2. Edward Scott, of Knoxville.	9. William R. Harris, of Paris.
3. Charles F. Keith, of Athens.	10. John Read, of Jackson.
4. Abraham Caruthers, of Carthage.	11. William Dunlap, of Bolivar.
5. Samuel Anderson, of Murfreesboro'.	12. R. M. Anderson, of New Market.
6. Thomas Mancy, of Nashville.	13. A. J. Marchbanks, of McMinnville.
7. Mortimer A. Martin, of Clarksville.	14. B. C. Totton, of Huntingdon.

## STATE DEBT AND RESOURCES.

State bonds issued and proceeds invested in stock of the

Union Bank of Tennessee, bearing an interest of 5 per ct., \$500,000 00

State bonds issued and proceeds invested in capital of the

Bank of Tennessee, bearing an interest of 6 per cent., 1,000,000 00

Internal Improvement Bonds, at interest,  $5\frac{1}{4}$  per cent., 262,166  $66\frac{2}{3}$

Internal Improvement Bonds, at interest, 5 per cent., 1,253,750 00

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3,015,916  $66\frac{2}{3}$

The \$200,000 of State bonds, bearing an interest of 5 per cent., issued for the improvement of rivers, but not yet sold, are not included in the amount of the State debt. The debt has many years to run before it falls due, and to meet it the State owns

Stock in the Union Bank of Tennessee, \$646,600 00

Capital in the Bank of Tennessee, proceeds of bonds sold, 1,000,000 00

Stock paid in to the Internal Improvement companies, by

State bonds issued, 1,516,915  $66\frac{2}{3}$

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\$3,163,515  $66\frac{2}{3}$

The revenue and expenditures of the State, for the year ending October, 1842, were as follows :

Ordinary revenue,	\$248,242
Extraordinary revenue, miscellaneous receipts,	295,497
Total receipts,	543,739
Balance in treasury last report,	116,599
Total means,	660,338

Expenses : — Legislative,	\$61,831	
Judicial,	67,667	
Executive and miscellaneous,	341,350	470,848
Balance on hand, October, 1842,		189,490

## XXI. KENTUCKY.

## GOVERNMENT.

	Salary.
ROBERT P. LETCHER, of Lancaster, <i>Governor</i> , (term of office expires in September, 1844,)	\$2,500
Manlius V. Thomson, of Georgetown, <i>Lieut.-Governor and Speaker of the Senate</i> . Pay, \$6 a day, while presiding.	
James Harlan, of Frankfort, <i>Secretary of State</i> ,	\$750
Benjamin Selby, do. <i>Auditor of Public Accounts</i> ,	1,250
Thomas S. Page, do. <i>2d Auditor</i> ,	1,500
James Robertson, do. <i>Register of the Land Office</i> ,	1,250
James Davidson, do. <i>Treasurer</i> ,	1,250
Thomas S. Theobald, do. <i>Keeper of the Peniten.</i> , ( $\frac{1}{2}$ the profits.)	
Peter Dudley, do. <i>Adjutant-General</i> ,	150
Ambrose W. Dudley, do. <i>Quartermaster-General</i> ,	100
George A. Robertson, do. <i>State Librarian</i> ,	250
Ryland T. Dillard, do. <i>Sup. of Public Instruction</i> .	
John L. Helm, do. <i>Speaker of the House</i> .	

The *Senate* consists of 38 members, elected for four years, one fourth being elected every year. The *House of Representatives* consists of 100, elected annually on the 1st Monday in August. Pay, \$3 a day, besides mileage. The *Speaker* receives \$6 a day, and the *Clerks* \$10 a day each.

## JUDICIARY.

*Court of Appeals.*

	Salary.
Ephraim M. Ewing, of Russellville, <i>Chief Justice</i> ,	\$1,500
Daniel Breck, of Richmond, <i>Judge</i> ,	1,500
Thomas A. Marshall, of Lexington, do.	1,500
Jacob Swigert, of Frankfort, <i>Clerk</i> ,	Fees.
Owen G. Cates, do. <i>Attorney-Gen.</i> ,	\$300 and fees.
James C. Coleman, do. <i>Serjeant</i> ,	\$2 a day and fees.
Benjamin Monroe, do. <i>Reporter</i> .	

*General Court.*

John L. Bridges,	of Danville,	} Judges,	Salary.
Mason Brown,	of Frankfort,		\$1,300
A. H. Rennick,	do.	Clerk,	1,200
Joseph Gray,	do.	Serjeant,	Fees.

*Louisville Chancery Court.*

George M. Bibb,	of Louisville,	Chancellor,	Salary.
Charles J. Clarke,	do.	Clerk,	\$2,000
Joseph Mayo,	do.	Master,	Fees.
William A. Cocke,	do.	Marshal,	Fees.

*Circuit Courts.*

The State is divided into eighteen Circuits or Districts, and the following are the Circuit Judges, who have each a salary of \$1,200, except the Judge of the 5th Circuit, who receives \$1,500, and the Judge of the 12th \$1,300. Each Circuit has an attorney, who receives \$300 and fees.

<i>Judges.</i>	<i>Residence.</i>	<i>Attorneys.</i>	<i>Residence.</i>
1. Walker Reid,	Washington.	Harrison Taylor,	Washington.
2. Henry O. Brown,	Cynthiana.	Wm. W. Southgate,	Covington.
3. Richard A. Buckner, Jr.	Lexington.	Alex. H. Robertson,	Lexington.
4. James Pryor,	Carrollton.	Richard Logan,	Carrollton.
5. John J. Marshall,	Louisville.	Nathaniel Wolfe,	Louisville.
6. Asher W. Graham,	Bowling Green.	Alexander R. Macy,	Bowling Green.
7. Benj. Shackelford,	Hopkinsville.	Iredell Hart,	Madisonville.
8. Christopher Tompkins,	Glasgow.	Zachariah Wheat,	Columbia.
9. Samuel Lusk,	Lancaster.	Geo. C. Thurman,	Springfield.
10. James Simpson,	Winchester.	Robert C. Clarke,	Paris.
11. Kenaz Farrow,	Mount Sterling.	Andrew Trumbo,	Owingsville.
12. John L. Bridges,	Danville.	Joshua F. Bell,	Danville.
13. Armist. H. Churchill,	Elizabethtown.	Thos. W. Riley,	Bardstown.
14. John Calhoon,	Hardinsburg.	Alfred Allen,	Hardinsburg.
15. Tunstall Quarles,	Whitley C. H.	Wm. B. Moore,	Mount Vernon.
16. Wiley P. Fowler,	Smithland.	Richard L. Mayes,	Mayfield.
17. Mason Brown,	Frankfort.	Thos. L. Crittenden,	Frankfort.
18. Richard A. Buckner,	Greensburgh.	Wm. R. McFerrin,	Glasgow.

*BOARD OF INTERNAL IMPROVEMENT.*

Thomas Metcalfe,	of Nicholas,	President,	Salary.
James Davidson,*	of Frankfort,	State Treasurer,	\$1,000
Austin P. Cox,*	do.	Secretary,	100
			500

The Governor is authorized to make such temporary appointments of Engineers, as may be deemed expedient by the Board.

\* Members *ex officio*.

## FINANCES.

The message of the Governor to the last legislature shows, that the State debt is \$3,902,783, of which \$515,000 is at the rate of 5 per cent., and the balance at 6 per cent. interest. The Commissioners of the Sinking Fund have promptly paid the interest on the debt. The *Commissioners of the Sinking Fund* are R. P. Letcher, *Governor and Chairman ex officio*; John Tilford, *President of the Northern Bank of Kentucky*; Virgil McKnight, *President of the Bank of Kentucky*; Joshua B. Bowles, *President of the Bank of Louisville*; James Harlan, *Secretary and Treasurer*.

**Banks.** There are three principal Banks. (1.) The Bank of Kentucky, at Louisville; capital, \$3,700,000, of which the State owns 7,239 shares, of \$100 each. It has branches at Lexington, Maysville, Danville, Greensburgh, Hopkinsville, and Frankfort. (2.) Northern Bank of Kentucky, at Lexington; capital, \$1,235,200. It has branches at Paris, Richmond, Covington, and Louisville. The State owns 2,540 shares, at \$100 each. (3.) Bank of Louisville; capital, \$1,150,000, branches at Paducah and Flemingsburgh. The State owns 175 shares. Value of taxable property in 1842, \$233,410,466; white males over 21, in 1842, 113,561.

*Board of Education.*

Ryland T. Dillard, of Lexington, *Superintendent of Public Instruction, and Chairman ex officio*. Salary, \$750 and expenses. James Harlan, *Secretary of State*, and Owen G. Cates, *Attorney-General*, members *ex officio*.

**STATE INSTITUTIONS.** — *Lunatic Asylum*, at Lexington, founded in 1822. Average number of inmates during 1842, 153  
*Deaf and Dumb Asylum*, at Danville, founded in 1822. Pupils, 30  
*School for the Blind*, at Louisville, founded in 1842. Pupils, 10  
*Marine Hospital*, at Smithland.  
*Penitentiary*, established in 1798. Number of convicts in 1842, 163  
 " Average annual profits for three preceding years, \$28,481.

## CONGRESSIONAL DISTRICTS.

1. Hickman, Ballard, Graves, McCracken, Marshall, Calloway, Trigg, Caldwell, Crittenden, Union, Livingston, and Hopkins.
2. Christian, Muhlenberg, Henderson, Davies, Ohio, Butler, Hancock, Breckinridge, Grayson, Edmondson, and Meade.
3. Todd, Logan, Simpson, Warren, Allen, Barren, Monroe, and Hart.
4. Cumberland, Clinton, Wayne, Pulaski, Russell, Adair, Green, Casey, Lincoln, and Boyle.
5. Hardin, La Rue, Nelson, Bullitt, Spencer, Washington, Marion, Anderson, and Mercer.
6. Garrard, Madison, Rockcastle, Laurel, Knox, Estill, Owale, Clay, Perry, Letcher, Whitley, Harlan, Pike, Floyd, and Johnson.
7. Jefferson, Shelby, Henry, Oldham, Trimble, and Carroll.
8. Bourbon, Fayette, Jessamine, Woodford, Scott, Franklin, and Owen.
9. Clarke, Montgomery, Bath, Morgan, Fleming, Carter, Greenup, Lewis, Lawrence, and Breathitt.
10. Mason, Nicholas, Bracken, Pendleton, Campbell, Kenton, Grant, Boone, Gallatin, and Harrison.

## XXII. OHIO.

## GOVERNMENT.

			Salary.
WILSON SHANNON, of St. Clairsville, <i>Governor</i> , (term of office expires on the 1st Monday in December, 1844,)			\$1,500
John Sloane,	of Columbus,	<i>Secretary of State,</i>	1,000
John Brough,	do.	<i>Auditor of State,</i>	1,200
Joseph Whitehill,	do.	<i>Treasurer of State,</i>	1,200
James B. Thomas,		<i>Chief Clerk in the Auditor's Office,</i>	850
John Patterson,		<i>Warden of the State Penitentiary,</i>	1,500
Heman A. Moore,		<i>Adjutant-General,</i>	300
W. F. Sanderson,		<i>Quartermaster-General,</i>	100
Thomas Kennedy,		<i>Librarian of the State Library,</i>	400

(The above executive officers, for the time being, all reside at Columbus.)

*Commissioners of the Board of Public Works.*

			Salary.
William Spencer,	of Newark,		\$1,000
Rodolphus Dickinson,	of Lower Sandusky,		1,000
Leander Ransom,	of Columbus,		1,000
E. W. Hubbard,	<i>Acting Commissioner of the Canal Fund.</i>		

The Auditor and Treasurer of State are advisory Commissioners of the Canal Fund.

James J. Faran,	<i>President of the Senate.</i>
John Chaney,	<i>Speaker of the House.</i>

## JUDICIARY.

*Supreme Court.*

			Elected.	Salary.
Ebenezer Lane,	of Sandusky City,	<i>Chief Judge,</i>	1837,	\$1,500
Reuben Wood,	of Cleveland,	<i>Assoc. Judge,</i>	1840,	1,500
Matthew Burchard,	of Warren,	do.	1842,	1,500
Nathaniel C. Reed,	of Cincinnati,	do.	1842,	1,500
Edwin M. Stanton,	of Steubenville,	<i>Reporter.</i>		

The Judges of the Supreme Court, the President and Associate Judges of the Courts of Common Pleas, and the Judge of the Superior Court of Cincinnati, are elected by the legislature, for seven years. Of the Judges of the Supreme Court, the oldest in commission is Chief Judge. Two of the four Judges form a quorum, who hold a court in each county once every year.

*Superior Court of Cincinnati.*

David K. Esté, of Cincinnati, Judge, Salary, \$1,200

This Court has concurrent jurisdiction, with the Court of Common Pleas of the county of Hamilton, at common law and in chancery.

*Courts of Common Pleas.*

			Salary.
George B. Holt,	of Dayton,	Judge 1st Circuit,	\$1,200
Ozias Bowen,	of Marion,	do. 2d do.	1,200
Van R. Humphrey,	of Hudson,	do. 3d do.	1,200
Corrington W. Searle,	of Zanesville,	do. 4th do.	1,200
George W. Belden,	of Canton,	do. 5th do.	1,200
John H. Keith,	of Chillicothe,	do. 6th do.	1,200
Elijah Vance,	of Lebanon,	do. 7th do.	1,200
John E. Hanna,	of McConnelsville,	do. 8th do.	1,200
W. B. Caldwell,	of Cincinnati,	do. 9th do.	1,200
Owen T. Fishback,	of Batavia,	do. 10th do.	1,200
Jacob Parker,	of Mansfield,	do. 11th do.	1,200
Joseph R. Swan,	of Columbus,	do. 12th do.	1,200
Emery D. Potter,	of Toledo,	do. 13th do.	1,200
Benjamin Bissell,	of Painsville,	do. 14th do.	1,200
William Kennon,	of St. Clairsville,	do. 15th do.	1,200

The several Courts of Common Pleas are held, three times a year, by a President Judge and three Associate Judges, in most of the counties; but in the counties very recently organized, only twice a year. The Associate Judges receive \$2.50 a day, for each day's attendance.

## FINANCES.

Balance remaining in the Treasury, November 15th, 1841,	\$63,552.78
Amount collected and paid by County Treasurers, in the year ending November 15th, 1842,	197,798.45
Miscellaneous items of revenue,	30,873.17
<b>Total receipts,</b>	<b>292,224.40</b>
Expenditure during the year,	227,863.14
Balance in Treasury, November 15, 1842,	64,361.26

The following are some of the chief items of expenditure:

State officers,	\$7,003.76	Lunatic Asylum,	\$17,750.00
Judges and Reporter,	25,437.58	Institution for the Blind,	9,805.89
Ohio Legislature,	46,565.06	Board of Public Works,	4,857.00
Deaf and Dumb Asylum,	4,500.00	State Printer,	18,037.78



The report of the Auditor of State gives the following amount of taxable property, and of taxes assessed during the year 1842.

No. of acres of land,	20,260,526	State and Canal Tax,	\$660,750.30
Value, including houses,	\$53,388,227	County and School Tax,	618,147.45
Value of town lots and buildings,	20,933,513	Road Tax,	163,451.99
No. of horses,	358,968	Township and Poor Tax,	193,065.54
Estimated value,	\$14,358,720	Corporation and Bridge Tax,	212,333.43
No. of cattle,	652,310	Physicians' and Lawyers' Tax,	6,183.57
Estimated value,	\$5,218,480	School-house Tax,	11,120.47
Capital and money at interest,	7,512,698	Delinquencies,	161,775.68
No. of pleasure carriages,	9,511		
Estimated value,	\$631,897	Total Taxes,	\$2,026,557.44
Total am't of taxable property, \$132,343,835			

### COMMON SCHOOLS.

School Funds accruing during the year 1842:

Five per cent. interest on surplus revenue,	\$100,278.32
Tax, &c., for common school purposes,	49,884.25
Interest on special funds for common schools,	28,549.52
Interest on proceeds of sixteenth section in every township, devoted to the support of common schools, by a law of Con- gress, passed in March, 1785,	54,962.66
	233,512.18
Less, certain deductions,	162.57
Amount distributed in 1842, to 79 counties,	233,350.61

### INTERNAL IMPROVEMENTS.

Cost of constructing the Ohio Canal,	\$4,695,203.69
Received for tolls, during the year ending Nov. 30, 1842,	387,442.22
Expenses during the year,	138,217.51
Leaving net revenue for the year,	249,224.71
Or a fraction over $5\frac{1}{4}$ per cent. on the whole cost.	

Collections for the year ending November 30, 1842:

On the Miami Extension Canal,	4,085.13
" " Hocking Canal,	3,712.27
" " Wabash and Erie Canal,	5,866.13
" " Musking Improvement,	15,355.27
" " Walhonding Canal,	610.17
" " Miami Canal,	58,460.34

The following tabular statement exhibits the amount received on the Ohio and Miami Canals, and the amount paid since December 1, 1826 :

Ohio Canal.				Miami Canal.		
Years.	Received for tolls, fines, and water-rents.	Paid collectors and inspectors.	P'd engineers, superintendents, and for repairs.*	Received for tolls, fines, and water-rents.	Paid collectors & inspectors.	Paid engineers, superintendents, & for repairs.
	\$	\$	\$	\$	\$	\$
1827,	1,500.00	700.00				
1828,	4,000.00	900.00		8,042.70		
1829,	7,000.00	1,100.00		20,941.36	1,200	10,329.59
1830,	30,493.93	1,300.00		30,082.33	1,200	6,938.05
1831,	64,864.17	2,100.00		36,643.88	1,550	6,605.06
1832,	79,982.48	3,600.00		36,847.47	1,700	9,237.91
1833,	136,555.70	4,125.00	33,741.26	50,470.63	1,975	5,668.83
1834,	164,488.98	5,325.00	71,553.49	50,040.99	2,225	7,940.37
1835,	185,684.48	5,325.00	75,875.10	51,917.00	2,225	16,927.57
1836,	211,823.32	5,650.00	84,846.81	51,116.52	2,225	28,768.77
1837,	293,428.79	7,050.00	115,688.82	62,833.40	2,675	46,556.91
1838,	382,135.96	7,250.00	192,344.99	77,863.09	2,700	32,657.25
1839,	423,599.84	8,200.00	195,627.13	78,601.19	2,500	44,991.19
1840,	452,122.03	8,500.00	113,002.95	70,321.53	2,500	22,553.55
1841,	416,202.63	19,240.73	124,263.49	72,612.88	2,672	50,780.55
1842,	387,442.22	9,000.00	129,217.51	58,460.34	2,926	20,634.70

\* Until 1833, when the canal was finished, repairs were charged as construction.  
 † This amount includes tolls refunded.

Receipts and shipments of articles of export and import, at Cleveland, for the last ten years, which have been transported on the Ohio Canal.

*Received at Cleveland via the Ohio Canal.*

Years.	Barrels of Flour.	Bush. of Wheat.	Barrels of Pork.	Bushels of Coal.
1833,	96,302	366,760	22,758	49,134
1834,	105,326	333,866	33,884	95,634
1835,	132,319	387,232	19,514	50,473
1836,	167,431	463,821	13,572	84,124
1837,	203,691	549,141	42,057	183,484
1838,	287,465	1,229,012	39,055	73,292
1839,	264,867	1,515,820	30,717	134,581
1840,	505,461	2,155,407	23,017	172,206
1841,	441,425	1,564,421	29,797	478,370
1842,	492,711	1,311,665	53,272	466,544

At the commencement of business in 1843, the following works will be finished :

Ohio Canal, and its navigable side-cuts,	334 miles
Miami Canal,	65 "
Extension of Miami Canal, in part,	70 "
Warren County Canal,	22 "
Sidney Feeder,	13 "
Wabash and Erie Canal, and side-cuts,	91 "
Walhonding Canal,	25 "
Hocking Canal,	56 "
Muskingum Improvement,	91 "
Making the aggregate length of navigation,	767 miles.

These works will have cost, in the aggregate, \$14,637,549 79; the interest on which, at six per cent., is near \$877,000. A portion of these works will, necessarily, for a time, remain unproductive; but as the different parts of the State are improved by cultivation, much may be reasonably anticipated from their construction.

For the year 1843, the Board estimate the receipts at	\$600,000.00
From which deduct probable expenses of repair,	200,000.00
And there remains the sum of	400,000.00
Applicable to the payment of the interest on their cost.	

### CONGRESSIONAL DISTRICTS.

1. Hamilton county.
2. Butler, Preble, and Dark counties.
3. Warren, Montgomery, Clinton, and Green.
4. Miami, Clark, Champagne, Madison, Union, and Logan.
5. Mercer, Van Wert, Paulding, Williams, Lucas, Henry, Putnam, Allen, Shelby, and Hardin.
6. Wood, Hancock, Crawford, Seneca, Sandusky, and Ottawa.
7. Claremont, Brown, and Highland.
8. Adams, Pike, Jackson, Hocking, and Ross.
9. Fayette, Pickaway, and Fairfield.
10. Franklin, Licking, and Knox.
11. Delaware, Marion, and Richland.
12. Scioto, Lawrence, Gallia, Meigs, and Athens.
13. Perry, Morgan, and Washington.
14. Muskingum and Guernsey.
15. Monroe, Belmont, and Harrison.
16. Holmes, Coshocton, and Tuscarawas.
17. Jefferson, Carroll, and Columbiana.
18. Stark and Wayne.
19. Trumbull, Portage, and Summit.
20. Cuyahoga, Geauga, Lake, and Ashtabula.
21. Medina, Lorain, Huron, and Erie.

### XXIII. MICHIGAN.

#### GOVERNMENT.

		Salary.
JOHN S. BARRY, of Constantine, Governor, (term expires 1st Monday of January, 1844.)		\$1,500
Origen D. Richardson, of Pontiac, Lieut. Governor, (Pay, \$6 a day during the session of the Legislature.)		
Robert P. Eldredge, of Macomb Co. Secretary of State,		1,000
John J. Adam, of Lenawee Co. Treasurer,		1,000
O. C. Comstock, Sen. of Ann Arbor, Superintend. Public Instruc.		500
Charles G. Hammond, of Branch Co. Auditor-General,		1,000
Douglass Houghton, of Detroit, State Geologist,		1,000
Elijah J. Roberts, do. Adjutant-General,		400
Ezra Williams, do. Quartermaster-General.		
John E. Schwartz, do. Inspector-General.		
Peter Morey, of Adrian, Judge Advocate General.		
Thomas W. Wells, of Marshall, Com'r of Int. Improvement,	1,000	
Digby V. Bell, do. Com'r of the Land Office,	1,000	

The *Senate* consists of 18 members, elected for two years; the *House of Representatives*, of 53 members, elected annually. Pay of each, \$3 a day, during the session of the legislature. The seat of government is at Detroit, or wherever the legislature shall direct, till 1847, when it is to be permanently established. Robert McClelland, *Speaker of the House*.

## JUDICIARY.

*Court of Chancery.*

			Salary.
Randolph Manning,	of Detroit,	<i>Chancellor,</i>	\$1,500
Anthony Ten Eyck,		<i>Register of 1st Circuit.</i>	
Austin M. Gould,		<i>do. 2d do.</i>	
Edmund Rice,		<i>do. 3d do.</i>	
Alfred Treadway,		<i>do. 4th do.</i>	
John Barber,		<i>do. 5th do.</i>	

There are 5 Chancery Circuits. The terms of the 1st Circuit are held annually at the city of Detroit, on the 3d Tuesday in July, and the 1st Tuesday in February; of the 2d Circuit, at Ann Arbor, on the 2d Tuesday in January and July; of the 3d Circuit at Kalamazoo, on the 3d Tuesday in January, and the Thursday next after the 4th Tuesday in June; of the 4th Circuit at Pontiac, on the 1st Tuesday in May, and the Tuesday after the 2d Monday in November; of the 5th Circuit, at Adrian, on the 1st Tuesday in January, and the 3d Tuesday in June.

*Supreme Court.*

			Salary.
Epaphroditus Ransom, of Kalamazoo,		<i>Chief Justice,</i>	\$1,600
Charles W. Whipple, of Pontiac,		<i>Associate Justice,</i>	1,500
Alpheus Felch, of Monroe,		<i>do. do.</i>	1,500
Daniel Goodwin, of Detroit,		<i>do. do.</i>	1,500
Elon Farnsworth, do.		<i>Attorney-General,</i>	Fees & 500
John Norvell, do.		<i>Clerk of 1st Circuit,</i>	Fees.

The Judges of the Supreme Court are appointed by the Governor, with the advice and consent of the Senate, for the period of 7 years. The terms of this court are held at Detroit, on the 1st Tuesday in January and June; at Ann Arbor, on the last Tuesday in December; at Kalamazoo, on the 1st Tuesday in July; and at Pontiac, on the 4th Tuesday in June.

*Circuit Courts.*

There are 4 judicial circuits, in each of which one of the Judges of the Supreme Court sits as presiding Judge.

	Presiding Judge.		Presiding Judge.
1st Circuit,	Daniel Goodwin.	3d Circuit,	Epaphroditus Ransom.
2d do.	Alpheus Felch.	4th do.	Charles W. Whipple.

*District Criminal Court,*

For the Counties of Wayne, Washtenaw, Jackson, and Oakland.

B. F. H. Witherell, of Detroit, *Presiding Judge*, Salary, \$1,000

## INTERNAL IMPROVEMENT.

*Board of Commissioners.*

Thomas W. Wells, of Marshall, *Commissioner*, Salary, \$1,000  
The Secretary of State and the State Treasurer are *ex officio* members.

The most important of the works of internal improvement, is the *Central Rail Road*, now completed, and in full operation to Jackson, 80 miles from Detroit. The *Southern Rail Road* is completed, and in operation as far as Adrian, 36 miles from Monroe. The legislature at its last session appropriated the proceeds of both roads, for the *ironing* of the former to Marshall, 30 miles farther west, and the latter to Hillsdale, 32 miles farther west; and it is expected that both roads will be completed to those places respectively, by the first of September, 1843. At the same session, the proceeds, or value of 150,000 acres of State lands were appropriated for the extension of the Central road westward to Kalamazoo, 34 miles from Marshall, the whole of which part of the route has since been let, and is now under contract. This road is designed to extend from Detroit to St. Joseph, on lake Michigan. The facilities afforded by this route, being the cheapest and most expeditious, are of great importance to the traveller to and from Chicago, and the far West; it is also, now, a source of profit and revenue to the State, having the last year paid, from its *net* proceeds, the interest on its cost, although mostly constructed at a period of "high prices." The other State works are either temporarily suspended, or abandoned. The Erie and Kalamazoo Rail Road is constructed by a private company, and is in operation from Toledo to Adrian, 30 miles. The Detroit and Pontiac Rail Road, also constructed by a private company, is in operation from the former to the latter place, 25 miles.

## UNIVERSITY OF MICHIGAN AND ITS BRANCHES.

The University of Michigan is established at Ann Arbor, under a faculty consisting of a Professor of Languages, Professor of Mathematics, Professor of Geology, Mineralogy, and Chemistry, and Professor of Botany and Zoology, to which will shortly be added Professors of *Belles Lettres*, and of the Moral Sciences. The Legislative Government is vested in a board of 12 Regents, appointed by the Governor and Senate. The

Governor, Lieut. Governor, Judges of Supreme Court, and Chancellor of the State, are *ex officio* members, and the Governor is President of the board. The University comprises three departments: 1st, Literature, Science, and the Arts; 2d, Law; 3d, Medicine; and it is in possession of 15,000 specimens of Botany, 10,000 in Geology, 8,000 in Mineralogy, and 5,500 in Zoology. The funds of the University consist of about 48,000 acres of choice lands, granted by Congress for the endowment of the institution, the *minimum* price of which is now established by law at \$12 per acre. The estimated expense for a course of studies in all the departments, for the full term of four years, including tuition, board, and incidental charges, is \$378, or \$94.50 annually. At the commencement of the year, there were, in the University proper, and in the preparatory department, 52 students. Branches of the University are established at Detroit, Ann Arbor, Tecumseh, Kalamazoo, and White Pigeon, in all of which there are 174 students.

#### COMMON SCHOOLS.

The school fund consists of every 16th section (of 640 acres) of land in each surveyed township in the State, granted by Congress for the support of primary schools. It is estimated, that, in the peninsula proper, and in the upper peninsula, the amount of school lands belonging to the State, after making proper deduction for waste lands, exceeds 1,000,000 acres. The *minimum* price of it is established by law at \$5 per acre; between 40,000 and 50,000 acres have already, however, been sold at an average of over \$11 per acre.

The whole number of school districts in the State, is	2,312
Number of districts which reported in 1842,	1,656
Number of children reported in those districts,	64,871
do. do. attending district schools,	56,173
do. do. do. private schools,	3,196

Average number of months that schools have been kept is  $4\frac{1}{2}$ . The amount of money raised in the districts for the support of schools, is \$58,259. The legislature, at its last session, repealed all the laws relating to primary schools, and passed a new act regulating their organization and providing for their support, which meets with popular favor.

#### STATE LAND OFFICE.

Digby V. Bell, of Marshall, *Commissioner*, Salary, \$1,000

This is a new office, located at Marshall, organized and established by an act of the legislature in 1843, and is invested with the charge, management, and disposition of all the public lands of the State. The fiscal duties of the superintendent of public instruction have been detached from that office, and now devolve upon the commissioner of the land

office. The half million of acres of land, granted to this State by the "Distribution Act" of Congress, of September 4, 1841, valuable selections of which have been made in some of the most populous and prosperous counties of the State, are now offered at a *minimum* of \$1.25 per acre, and all the evidences of State indebtedness, being warrants, treasury notes, &c., are receivable in payment therefor, affording extraordinary inducements to purchasers, as these "warrants" &c. are received for the full amount they promise, and they can be purchased in the market at a depreciated price of from 40 to 50 cents on the dollar.

**STATE PRISON.** The State prison, situated at Jackson, is constructed on the Auburn plan.

#### CONGRESSIONAL DISTRICTS.

1. Wayne, Lenawee, Washtenaw, Hillsdale, and Monroe. Population, 66,585.
2. Branch, Calhoun, Eaton, Kalamazoo, St. Joseph, Berrien, Allegany, Jackson, Ionia, Van Buren, Cass, Barry, Kent, Oceana, Ottawa. Population, 66,644.
3. Chippewa, Ingham, Mackinaw, Saginaw, Clinton, Livingston, Macomb, Shiawassee, Genesee, Lapeer, Oakland, St. Clair. Population, 69,476.

#### XXIV. INDIANA.

##### GOVERNMENT.

			Salary.
JAMES WHITCOMB,	of Vigo,	Governor, (term of office expires in December, 1846.)	\$1,500
Jesse D. Bright,	of Jefferson,	Lieut. Governor, (Pay, \$3 a day during the session of the General Assembly.)	
William Sheets,	of Indianapolis,	Secretary of State,	800
George H. Dunn,	do:	Treasurer of State,	1,000
Morris Morris,	do.	Auditor of Public Accounts,	1,000
Samuel Merrill,	do.	President of the State Bank;	
		appointed by the legislature for five years,	1,300
James M. Ray,	of Indianapolis,	Cashier of the State Bank,	1,100
T. D. Walpole,		Pres. pro tem. of the Senate.	
Thomas J. Henley,		Speaker of the House of Representatives.	
Douglass Maguire,	do.	Adjutant-General,	100
Alexander H. Davidson,	do.	Quartermaster-General,	100
Joseph R. Pratt,	of Jeffersonville,	Keeper of the Penitentiary,	Profits.
John Cook,	of Indianapolis,	State Librarian,	300

## JUDICIARY.

*Supreme Court.*

		Salary.
Isaac Blackford,	of Indianapolis, <i>Chief Judge</i> ,	1,500
Charles Dewey,	of Charleston, <i>Judge</i> ,	1,500
Jeremiah Sullivan,	of Madison, <i>do.</i>	1,500
Henry P. Coburn,	of Indianapolis, <i>Clerk</i> ,	Fees,

The judges are appointed by the Governor and Senate for 7 years, and the senior in commission is the Chief Judge. This court holds its sessions at Indianapolis, in May and November. It has appellate jurisdiction only, except in capital cases, and cases in chancery in which the President of the Circuit Court may be interested

*Circuit Courts.**Circ. President Judges.*

1st, Isaac Naylor,	of Crawfordsville.
2d, J. H. Thompson,	of Salem.
3d, Miles C. Eggleston,	of Madison.
4th, Elisha Embree,	of Princeton.
5th, William J. Peaslee,	of Indianapolis.
6th, James Perry,	of Liberty.
7th, William P. Bryant,	of Rockville.
8th, John W. Wright,	of Logansport.
9th, Samuel C. Sample,	of South Bend.
10th, David McDonald,	of Washington.
11th, David Kilgore,	of Yorktown.
12th, James W. Borden,	of Ft. Wayne.

*Prosecuting Attorneys.*

<i>Vacant.</i>	
William A. Porter,	of Corydon.
John Dumont,	of Vevay.
James Lockhart,	of Mount Vernon.
A. A. Hamilton,	of Columbus.
J. T. Elliott,	of Newcastle.
John P. Usher,	of Terre Haute.
Spier S. Tipton,	of Logansport.
<i>Vacant.</i>	
William G. Quick,	of Martinsville.
John M. Wallace,	of Andersonstown.
W. H. Coombs,	of Ft. Wayne.

The President Judges and the Prosecuting Attorneys are elected by the legislature, — the judges for 7 years, and the attorneys for 2 years; and the Associate Judges and Clerks of the Courts are elected by the people for 7 years. The President Judges receive each a salary of \$1,000 and the Judge of the 5th Circuit is allowed \$300 in addition, optional with the County Commissioners of his Circuit; the Attorneys have each a salary of \$150 and perquisites. The Judges hold two terms in each county annually. There are two Associate Judges in each county, who receive \$3 a day during the session.

## INTERNAL IMPROVEMENTS.

*Indianapolis and Madison Rail Road.* The distance between Indianapolis and Madison is about 80 miles. The rail road is nearly completed to Columbus, about 40 miles, half way between the two first-named points, and 10 more, to Edinburgh, will soon be ready to receive the rails.

*The Wabash and Erie Canal* begins at the town of Toledo, on the Maumee bay, at the western extremity of lake Erie, passes up the valley of the Maumee river a distance of 89 miles in the State of Ohio, and thence through nearly the whole width of the State of Indiana, a further distance



of 144 miles, making the whole length now opened, or about to be opened, 233 miles. This immense work has been in progress for many years, and its completion will be an important era in the history of Indiana. The canal is of large dimensions, and it has been built at a great cost. On the Ohio portion of it there was expended, to the 15th of November, 1842, the sum of \$2,257,164. The lower portion of this canal, for a distance of 60 miles, is 6 feet deep, and 60 feet wide.

### STATISTICS OF INDIANAPOLIS.

**First sale of town lots in Indianapolis, October, 1821. Population in 1843, about 3,500.**

**Churches.** Presbyterians, (old school,) 1; Presbyterians, (new school,) 1; Methodists, 2; Episcopalians, 1; Baptists, 1; Christian, (Baptists,) 1; Catholic, 1; Lutheran, (German,) 1; Lutheran, (English,) 1; African, (Methodist,) 1. **Ten Schools;** 784 Sunday school pupils; 1 county seminary, with philosophical and chemical apparatus. **Four printing offices.** **Manufactories,** at Indianapolis and the vicinity: 2 paper mills, 2 carding, weaving, and fulling mills, 1 cotton manufactory, 3 flouring mills, 3 saw mills, 2 breweries, 1 iron foundry, 1 pottery, 1 oil mill, 1 manufactory of lard oil. **Libraries:** State library, 10,000 vols., law library, county library, and historical society library. **Stores:** 29 dry goods stores, 2 book stores, 4 drug stores, 13 grocery and provision stores, 5 coffee houses, or places where spirituous liquors are retailed, 7 hotels, 17 lawyers, 13 physicians. **Banks:** State bank of Indiana, and branch of State bank of Indiana. **Exports:** flour, pork, tobacco, hemp, paper, lard oil. **Insurance offices:** Indiana mutual fire insurance company.

**STATE BANK.** The capital of the State in the bank amounts to \$1,317,450; consisting of charter capital, \$880,000; surplus revenue stock, \$412,450; the loan of 1839, \$20,000; sinking fund stock, \$5,000. The stock owned by individuals is \$1,398,028 16; saline fund stock, \$4,924 20; school tax stock, \$5,716 27; common school fund stock, \$1,413 51; whole capital, \$2,727,532 14. The profits of the bank for the first six years averaged about 12 per cent. a year; the seventh year, 9 $\frac{1}{3}$  per cent.; and, in 1842, a small fraction short of 7 per cent., owing to the great reduction of business, and the losses by depreciated paper and bad debts.

### CONGRESSIONAL DISTRICTS.

1. Posey, Vanderburg, Gibson, Pike, Dubois, Warwick, Spencer, Perry, Crawford, Orange, and Harrison.
2. Clark, Washington, Scott, Jackson, Jefferson, Jennings, and Floyd.
3. Dearborn, Ripley, Rush, Switzerland, Decatur, and Franklin.
4. Fayette, Union, Wayne, and Henry.
5. Hamilton, Marion, Hancock, Shelby, Johnson, Bartholomew, Brown, and Madison.
6. Monroe, Lawrence, Martin, Davies, Knox, Owen, Green, Sullivan, and Morgan.
7. Vigo, Clay, Putnam, Parke, Vermillion, and Hendricks.
8. Montgomery, Fountain, Warren, Tippecanoe, Clinton, Boone, and Carroll.
9. Jasper, White, Cass, Miami, Fulton, Pulaski, Kosciusko, Marshall, Starke, Elkhart, St. Joseph, Laporte, Porter, Lake, Wabash, and Benton.
10. Randolph, Delaware, Grant, Blackford, Jay, Adams, Wells, Huntington, Allen, Whitney, Noble, De Kalb, Steuben, and Lagrange.

## XXV. ILLINOIS..

## GOVERNMENT.

	Salary.
THOMAS FORD, of Oregon City, <i>Governor</i> , (term ends 1st Monday in December, 1846,)	\$2,000
John Moore, of McLean Co., <i>Lieutenant-Governor</i> , \$6 a day during the session, and \$4 for every 20 miles of travel.	
Thompson Campbell, of Galena, <i>Secretary</i> (including clerk hire,)	1,500
William L. D. Ewing, of Hillsborough, <i>Auditor</i> , (do.)	1,850
Milton Carpenter, of Hamilton Co., <i>Treasurer</i> , (do.)	1,000
The Governor is, <i>ex officio</i> , <i>Fund Commissioner</i> .	
Norman H. Purple, of Peoria, <i>Bank Commissioner</i> .	
Jacob Fry, of Lockport, <i>Acting Commissioner on the Canal</i> .	
Joel Manning, of Lockport, <i>Secretary of the Commissioner</i> .	

Each member of the legislature receives \$4 a day during the session, and \$4 for every 20 miles of travel.

## JUDICIARY.

*Supreme Court.*

	Salary.
William Wilson, of Carmi, <i>Chief Justice</i> ,	\$1,500
Samuel D. Lockwood, of Jacksonville, <i>Associate Justice</i> ,	1,500
Thomas C. Brown, of Galena, <i>do.</i>	1,500
James Shields, of Belleville, <i>do.</i>	1,500
Richard M. Young, of Chicago, <i>do.</i>	1,500
John D. Caton, of Ottawa, <i>do.</i>	1,500
Samuel H. Treat, of Springfield, <i>do.</i>	1,500
Walter B. Scates, of Mount Vernon, <i>do.</i>	1,500
Jesse B. Thomas, of Quincy, <i>do.</i>	1,500
—— McDougal, of Jacksonville, <i>Attorney Gen.</i> , \$700 and fees.	
J. Young Scammon, of Chicago, <i>Reporter</i> .	
Ebenezer Peck, of Springfield, <i>Clerk</i> ,	Fees.

The judges are elected by the legislature, and hold their offices during good behavior. Five constitute a quorum. The judges all perform circuit duties, the State being divided into nine circuits, or preside in the Circuit Courts. There are nine State's Attorneys, who are elected by the legislature biennially. Salary, \$350 and fees.

The only other courts now in the State, are those held by probate justices and justices of the peace. The former have jurisdiction in

actions of debt or assumpsit by or against administrators, &c., where the amount in controversy does not exceed \$1,000, and the general powers of probate courts. The latter have jurisdiction in actions of debt or assumpsit, not exceeding in amount \$100; and exclusive jurisdiction in cases of assaults and battery. In trespass to personal property and trover, where the damages claimed do not exceed \$20, justices of the peace have also jurisdiction.

In all suits for debts, where the damages claimed exceed \$20, the Circuit Courts have jurisdiction, and they are Superior Courts of general jurisdiction, both civil and criminal.

The Governor and justices of the Supreme Court constitute a Council of Revision, which act upon all laws, either approving or disapproving them.

### CONGRESSIONAL DISTRICTS.

1. Alexander, Union, Jackson, Randolph, Perry, Monroe, Washington, St. Clair, Clinton, Madison, and Bond.
2. Johnson, Gallatin, Pope, Hardin, Franklin, Williamson, Jefferson, Marion, Hamilton, White, Edwards, Wayne, and Wabash.
3. Fayette, Effingham, Clay, Richland, Lawrence, Crawford, Jasper, Clark, Edgar, Coles, Shelby, Montgomery, Christian, Macon, DeWitt, and Piatt.
4. Lake, McHenry, Boone, Cook, Kane, DeKalb, DuPage, Kendall, Grundy, La Salle, Will, Iroquois, Livingston, McLean, Champaign, and Vermillion.
5. Jersey, Greene, Macoupin, Calhoun, Pike, Browne, Schuyler, Adams, Marquette, Fulton, and Peoria.
6. Jo Daviess, Stephenson, Winnebago, Carroll, Ogle, Lee, Whiteside, Rock Island, Henry, Bureau, Mercer, Henderson, Warren, Knox, McDonough, and Hancock.
7. Putnam, Stark, Marshall, Woodford, Tazewell, Mason, Menard, Logan, Sangamon, Morgan, Cass, and Scott.

## XXVI. MISSOURI.

### GOVERNMENT.

		Term ends.	Salary
THOMAS REYNOLDS, of City of Jefferson, <i>Governor</i> ,		Nov. 1844,	\$2,000
M. M. Marmaduke, <i>Lieutenant-Governor</i> ,		do. do.	
JAMES L. MINOR, of City of Jefferson, <i>Secretary of State</i> ,			
and <i>Superintendent of Common Schools</i> ,		do. do.	1,300
			[& fees.
HIRAM H. BABER, of City of Jefferson, <i>Auditor Pub. Ac.</i>		Feb. 1845,	\$1,700
			[including clerk hire.
Peter G. Glover,	do.	<i>Treasurer</i> ,	Dec. 1844, 1,450
Samuel M. Bay,	do.	<i>Attorney-General</i> ,	Feb. 1845, 800
John Heard,		<i>Reg'r of Lands</i> ,	Feb. 1845, 1,250

			Salary.
Gustavus A. Parsons, of City of Jefferson,	<i>Adjutant-General,</i>		100
George W. Miller,	do. <i>Quartermaster-General,</i>		100
Silas Reed,	<i>Surveyor-General,</i>		1,500
Ferdinand Kennett, of St. Louis,	<i>President of State Bank,</i>		
Henry Shurlds,	do. <i>Cashier</i>	do.	2,000

The Lieutenant-Governor is, *ex officio*, President of the Senate, and receives \$4,50 a day while presiding over the Senate; and the pay of the Speaker of the House of Representatives is the same. The Senators are chosen every fourth year, and the Representatives every second year. Their pay is \$3 a day. The legislature meets at the City of Jefferson, biennially, on the 4th Monday in November.

## JUDICIARY.

*Supreme Court.*

			Salary.
George Tompkins, of City of Jefferson,	<i>Presiding Judge,</i>		\$1,100
William B. Napton,	do. <i>Associate Judge,</i>		1,100
William Scott,	do.	do.	1,100

The Supreme Court is held at the City of Jefferson. This Court exercises appellate jurisdiction from the Circuit Court, and has original jurisdiction in cases of habeas corpus, mandamus, &c. The decisions of this Court are published at the end of each term in some newspaper printed in the District; and they are collected and published in a pamphlet form semi-annually by the Attorney-General.

*Circuit Courts.*

Judges.		Salary.	Attorneys.	Salary.
James W. Morrow,	1st Circuit,	\$1,000	Samuel M. Bay,	250 & fees.
John D. Leland,	2d do.	1,000	James Gordon,	250 do.
Ezra Hunt,	3d do.	1,000	G. Porter,	250 do.
P. H. McBride,	4th do.	1,000	Jas. C. Abernathy,	250 do.
John F. Ryland,	5th do.	1,000	H. Young,	250 do.
A. A. King,	6th do.	1,000	George W. Dunn,	250 do.
F. P. Wright,	7th do.	1,000	Mark L. Means,	250 do.
Bryan Mullanphy,	8th do.	1,000	John Bent,	250 do.
David Sterigere,	9th do.	1,000	John S. Brickey,	250 do.
John D. Cook,	10th do.	1,000	Albert Jackson,	250 do.
James A. Clark,	11th do.	1,000	B. F. Stringfellow,	250 do.
David R. Atchison,	12th do.	1,000	Peter H. Burnett,	250 do.
Charles S. Yancey,	13th do.	1,000	Jas. H. McBride.	250 do.
Charles H. Allen,	14th do.	1,000	P. O. Minor,	250 do.

A Circuit Court for each county is held twice in each year. The jurisdiction of the Circuit Court extends to all matters of tort and contracts over 90 dollars, where the demand is liquidated, and 50 dollars, where the agreement is parol. It has exclusive criminal jurisdiction, and superintending control over the County Courts and Justices of the Peace, subject to the correction of the Supreme Court. The Circuit Court is held in each county. The Judges of the Supreme and Circuit Courts are nominated by the Governor, and confirmed by the Senate; and they hold their office during good behavior, though not beyond 65 years of age.

*Court of Common Pleas of St. Louis.*

P. Hill Engle, of St. Louis, Judge, Salary, \$2,000

*Criminal Court of St. Louis.*

A. W. Manning, of St. Louis, Judge, Salary, 1,000

This is a local tribunal, established for exercising criminal jurisdiction only in the county of St. Louis. An appeal lies to the Supreme Court. The Judge is appointed by the concurrent vote of the two Houses of the General Assembly; and he holds his office during good behavior.

*County Courts.*

The jurisdiction of the County Courts is limited to matters of probate and local county affairs, as roads, &c. A County Court sits in each county, and is composed of three justices, who are elected by the people, and hold their offices for four years. An appeal lies to the Circuit Court.

**ST. LOUIS TRADE.**

The imports into, and exports from, the city of St. Louis, of the following articles, from the 1st of January, 1843, up to the 12th of August, were :

	Imports.	Exports.		Imports.	Exports.
Beeswax, bbls.,	470	777	Lard, bbls.,	10,751	19,243
Beeswax, lbs.,	36,007	26,655	Lard, kegs,	15,561	18,337
Buffalo robes, bales,	8,963	4,186	Oil, lard, bbls.,	559	3,060
Corn, sacks,	28,091	27,688	Pork, bbls.,	16,633	30,097
Flour, bbls.,	59,966	88,393	Tobacco, hhds.,	14,509	13,498
Hemp, bales,	26,647	17,629	Wheat, bbls.,	56,777	22,241
Lead, pigs,	396,225	397,213	Wheat, sacks,	78,299	27,945

The receipts of Tobacco last year, were 1,754 hhds., of which 1646 hhds. were sold, leaving on hand, the 1st January, 109 hhds. The receipts thus far, as will be observed, exceed last year, in the article of Tobacco, 2840 hhds.

This State is not divided into districts for the choice of members of Congress.

## XXVII. FLORIDA TERRITORY.

## GOVERNMENT.

	Salary.
RICHARD K. CALL, <i>Governor</i> , (appointed March, 1841,)	\$2,500
Thomas H. Duvall, <i>Secretary</i> , (appointed Sept., 1841,)	1,500
Thomas H. Austin, <i>Treasurer</i> .	

The Legislative Council is composed of a Senate of 15 members, elected for two years, and a House of Representatives composed of 29 members, elected annually, on the 2d Monday in October. The Legislative Council meets annually at Tallahassee, on the 1st Monday in January. Pay of members, \$4 a day, and \$4 for every 20 miles' travel.

## JUDICIARY.

Districts.	Judges.	Residence.	Salary.
Middle,	Samuel J. Douglass,	Tallahassee,	\$1,800
Eastern,	Isaac H. Bronson,	St. Augustine,	2,300
Apalachicola,	Samuel W. Carmack,	St. Josephs,	1,800
Western,	Dillon Jordan, jr.,	Pensacola,	1,800
Southern,	William Marvin,	Key West,	2,300

Districts.	Marshals.	District Attorneys.	Salary.
Middle,	John G. Camp, Tallahassee.	Charles S. Sibley, Tallahassee.	\$200
Eastern,	John Beard, St. Augustine.	Thomas Douglas, St. Augustine.	200
Apalachicola,	Robert Myers, Apalachicola.	George S. Hawkins, Apalachicola.	200
Western,	Ebenezer Dorr, Pensacola.	Walker Anderson, Pensacola.	200
Southern,	Jos. B. Browne, Key West.	George W. Macrae, Key West.	200

The Court of Appeals, consisting of the Judges of the several Superior Courts, is held annually at Tallahassee, on the 1st Monday in January. The Territory comprises 20 counties, and the County Courts are held semi-annually by the Judges in the respective counties.

## XXVIII. WISCONSIN TERRITORY.

## GOVERNMENT.

	Salary.
JAMES D. DOTY, of Madison, <i>Governor and Superintendent of Indian Affairs</i> , (term expires March, 1844,)	\$2,500
Alexander P. Field, of Madison, <i>Secretary of the Territory</i> , (term expires April, 1845,)	1,200
Mortimer M. Jackson, of Mineral Point, <i>Attorney-General</i> .	
Joshua Hathaway, Allen W. Hatch, and Clinton Walworth, of Milwaukee, <i>Canal Commissioners</i> . Pay, \$3 a day when in service.	

John Y. Smith,	<i>Sup't of Territorial Property and Librarian,</i>	300
Julius T. Clark,	of Madison, <i>Auditor,</i>	60
James Morrison,	do. <i>Treasurer,</i>	60

The government was organized in 1836. The *Legislative Assembly* consists of a Council of 13 members, elected for 2 years, and a House of Representatives of 26 members, elected annually, on the 4th Monday of September. Their pay is \$3 a day during the session, and \$3 for every 20 miles' travel. All town and county officers are elected by the people. The sum of \$40,000 has been appropriated by Congress, for the erection of public buildings at Madison, and of \$5,000 for the purchase of a library.

### JUDICIARY.

#### *Supreme Court.*

		Salary.
Charles Dunn,	of Elk Grove, <i>Chief Justice of Sup. Court,</i>	\$1,800
David Irvin,	of Madison, <i>Associate Justice</i> do.	1,800
Andrew G. Miller,	of Milwaukee, do. do.	1,800
T. W. Sutherland,	of Madison, <i>Attorney,</i>	Fees and 250
Daniel Hugunin,	of Southport, <i>Marshal,</i>	Fees and 200
La Fayette Kellogg,	of Madison, <i>Clerk,</i>	Fees.

*District Courts.*—The Territory is divided into three judicial districts, in each of which a district court is held twice a year, for each county within the district, by a Judge of the Supreme Court, assigned to the district, who appoints his own clerk, and has original jurisdiction of all real and personal actions arising under the constitution and laws of the United States and of the Territory, and appellate jurisdiction from Judges of Probate and Justices of the Peace.

1st Dist., Iowa, Grant, and Crawford,	Mr. Justice Dunn.
2d do. Green, Rock, Walworth, Jefferson, and Dane,	Mr. Justice Irvin.
3d do. Brown, Milwaukee, and Racine,	Mr. Justice Miller.

The Supreme Court appoints its own clerk, and holds its sessions at Madison, on the third Mondays of January and July; it has appellate jurisdiction of all cases from the District Courts, and original jurisdiction of all cases of *mandamus*, *quo warranto*, prohibition, error, &c. Its decisions are reported by an attorney appointed by the Court, and published with the laws every year. An appeal lies to the U. S. Supreme Court.

### UNIVERSITY AND SCHOOLS.

A grant of 23,040 acres of land was made to the Territory for a University, in 1838, most of which has been located on the best lands in the Territory. No steps have yet been taken to put the University in operation. The 16th section in every surveyed township has been reserved from sale, for the use of common schools, but yet belongs to the general government. Common schools are established in most of the neighborhoods of the Territory, which are in part supported by a public tax.

## XXIX. IOWA TERRITORY.

## GOVERNMENT.

			Salary.
JOHN CHAMBERS, of Iowa City,	<i>Governor and Superintendent of Indian Affairs, (term from July, 1841, to July, 1844,)</i>		\$2,500
Otho H. W. Stull, of Iowa City,	<i>Secretary,</i>		1,200
William L. Gilbert,	do.	<i>Auditor,</i>	100
Morgan Reno,	do.	<i>Treasurer and Librarian,</i>	210
John M. Coleman,	do.	<i>Territorial Agent &amp; Sup't of Capitol,</i>	1,000
Edwin Guthrie, of Fort Madison,	<i>Director and Warden of the Penitentiary,</i>		500
John D. Elbert,	<i>President of the Council,</i>		
James M. Morgan,	<i>Speaker of the House.</i>		

This country was erected into a territorial government by an act of Congress, of June, 1838, to take effect on the 4th of July following. The legislative power is vested in the Governor and a Legislative Assembly, which meets annually on the 1st Monday of December, at Iowa City, the seat of government; and it consists of 13 members of the Council, elected for two years, and of a House of Representatives consisting of 26 members, elected annually. Pay of the members, \$3 a day, and \$3 for every 20 miles' travel.

The sum of \$20,000 was appropriated by the government of the United States, for the erection of public buildings at the seat of government; \$20,000 for the erection of a penitentiary, (at Fort Madison,) and \$5,000 for a library. These public works are now in progress.

## JUDICIARY.

			Salary.
Charles Mason,	of Burlington,	<i>Chief Justice,</i>	\$1,800
Joseph Williams,	of Bloomington,	<i>Associate Justice,</i>	1,800
Thomas S. Wilson,	of Du Buque,	do.	1,800
John G. Deshler,	of Bloomington,	<i>Attorney,</i>	Fees and 200
Isaac Leffler,	of Burlington,	<i>Marshal,</i>	Fees and 200
Wm. J. A. Bradford,	of Davenport,	<i>Reporter,</i>	300
George S. Hampton,	of Iowa City,	<i>Clerk,</i>	Fees.
L. D. Stockton,	of Burlington,	<i>Attorney, 1st District,</i>	Fees.
James P. Carlton,	of Iowa City,	do. 2d do.	Fees.
James Crawford,	of Du Buque,	do. 3d do.	Fees.

The Judges are appointed for four years, and the term of the present Judges expires July 4th, 1846. The Territory is divided into three judicial districts, and the Judges perform circuit duties. The Supreme Court, composed of all the Judges, meets annually, in July, at Iowa City.



## XXX. DISTRICT OF COLUMBIA.

The District of Columbia is under the immediate government of Congress. The city of Washington became the seat of the government of the United States, in 1800; and it is the residence of the President, and the other chief executive officers of the national government.

## JUDICIARY.

*Circuit Court of the District.*

			Salary.
William Cranch,	of Washington,	Chief Judge,	\$2,700
Buckner Thruston,	do.	Associate Judge,	2,500
James S. Morsel,	of Georgetown,	do.	2,500
Philip R. Fendall,	of Washington,	Attorney,	Fees, &c.
Alexander Hunter,	do.	Marshal,	do.
William Brent,		Clerk for Washington County,	do.
Edmund I. Lee,		Clerk for Alexandria County,	do.

*District Court for the District, at Alexandria.*

William Cranch, *Judge.* Edmund I. Lee, *Clerk.*

*Criminal Court for the District.*

		Salary.
James Dunlop, of Georgetown,	<i>Judge,</i>	\$2,000
William Brent,	<i>Clerk for Washington County,</i>	Fees.
Edmund I. Lee,	<i>Clerk for Alexandria County,</i>	Fees.

*Orphans' Court.*

			Salary.
Nathaniel P. Causin,	Washington Co.,	<i>Judge,</i>	\$1,000
Edward N. Roach,	do.	<i>Register,</i>	Fees.
Christopher Neal,	Alexandria Co.,	<i>Judge,</i>	1,000
Bernard Hooe,	do.	<i>Register,</i>	Fees.

## AMERICAN STATES.

*Republics of North America.*

	Population.	Capitals.	Presidents.
United States,	17,069,453	Washington,	John Tyler.
Mexico,	*7,044,140	Mexico,	A. L. De Santa Anna.
Central America,	2,000,000	San Salvador.	
Yucatan,	580,948	Merida,	Miguel Barbachano.
Hayti,	933,000	Cape Haytien.	
Texas,	250,000	Austin,	Samuel Houston.
<i>Republics of South America.</i>			
Argentine Repub.	2,000,000	Buenos Ayres,	Don Juan M. de Rosas.
Peru,	1,700,000	Lima,	General Gamarra.
New Grenada,	1,687,000	Bogotá,	General Herran.
Bolivia,	1,500,000	Chuquisaca,	General Ballivian.
Chili,	1,500,000	Santiago,	General Bulnes.
Venezuela,	900,000	Caraccas,	General Paez.
Equator,	600,000	Quito,	Juan Joseph Flores.
Isth's of Panama,		Panama,	Thomas Herrera.
Paraguay,	300,000	Assumption.	
Uruguay,	150,000	Monte Video,	Fructuoso Rivera.
<i>Empire.</i>			
Brazil,	5,130,418	Rio Janeiro,	Emperor. Pedro II.

\* According to a census prepared in 1841, by the Mexican "National Institute of Geography and Statistics." But this number includes Yucatan and Texas, and is evidently too small.

The present population of most of the above States has not been very recently ascertained with any exactness.

## BRITISH AMERICAN PROVINCES.

SIR CHARLES METCALFE, Governor-General, Vice-Admiral, and Captain-General of all the British Provinces of North America.

Provinces.	Area in sq. miles.	Population.	Lieutenant-Governors.
Lower Canada, . . .	194,815	499,739	
Upper Canada, . . .	147,000	506,055	
New Brunswick, . . .	27,700	130,000	Sir W. Colebrooke.
Nova Scotia, with C. Breton,	17,500	199,870	Viscount Falkland.
Prince Edward's Island, .	2,134	34,666	Capt. H. V. Huntley.
Newfoundland, . . .	35,913	81,517	Sir John Harvey.
Honduras, . . .	62,740	3,958	Col. Macdonald.

# EUROPE.

## REIGNING SOVEREIGNS OF EUROPE.

Name.	Title.	State.	Date of Birth.	Date of Accession.	Age at access.	Religion.
Charles XIV.	King	Sweden and Norway	Jan. 26, 1763	Feb. 5, 1818	55	Lutheran
Nicholas I.	Emperor	Russia	July 6, 1796	Dec. 1, 1825	29	Gr'k Ch.
Christian VIII.	King	Denmark	Sept. 18, 1786	Dec. 3, 1839	54	Lutheran
Victoria	Queen	Great Britain	May 24, 1819	June 20, 1837	18	Pr. Ep.
William II.	King	Holland or Netherlands	Dec. 6, 1792	Oct. 7, 1840	48	Reform'd
Leopold	do.	Belgium	Dec. 16, 1790	July 21, 1831	40	Luth'n*
Fred. Wm. IV.	do.	Prussia	Oct. 15, 1795	June 7, 1840	45	Evang'l
Frederick	do.	Saxony	May 18, 1797	June 6, 1836	39	Catholic*
Ern. Augustus	do.	Hanover	June 5, 1771	July 20, 1837	66	Protes'tnt
Fred. Francis	Gr. Duke	Mecklenburg-Schwer.	Feb. 28, 1823	Mar. 7, 1842	19	Lutheran
George V.	do.	Mecklenburg-Strelitz.	Aug. 12, 1779	Nov. 6, 1816	37	do.
Augustus	do.	Oldenburg	July 13, 1783	May 21, 1829	46	do.
William	Duke	Brunswick	April 25, 1806	April 25, 1831	25	do.
Adolphus	do.	Nassau	July 24, 1817	Aug. 20, 1839	22	Evang'l
Ch. Frederick	Gr. Duke	Saxe-Wiemar-Eisen	Feb. 2, 1783	June 14, 1828	45	Lutheran
Ernest	Duke	Saxe-Coburg-Gotha	Jan. 2, 1784	Dec. 9, 1806	22	do.
Bernard	do.	Saxe-Meiningen-Hild.	Dec. 17, 1800	Dec. 24, 1803	3	do.
Joseph	do.	Saxe-Altenburg	Aug. 27, 1789	Sept. 29, 1834	45	do.
Leopold	do.	Anhalt-Dessau	Oct. 1, 1794	Aug. 9, 1817	22	Evang'l
Alexander	do.	Anhalt-Bernburg	March 2, 1805	Mar. 24, 1834	29	do.
Henry	do.	Anhalt-Cöthen	July 30, 1778	Aug. 23, 1830	52	Reform'd
Fred. Gunther	Prince	Schwartz'g Rudolst't.	Nov. 6, 1793	April 25, 1807	13	Lutheran
William II.	do.	Schwartz'g Sonder'n	Sept. 24, 1801	Sept. 3, 1835	33	do.
Henry XX.	do.	Reuss, Elder Line	June 29, 1794	Oct. 31, 1836	40	do.
Henry LXII.	do.	Reuss, Younger Line	May 31, 1785	April 17, 1818	32	do.
Leopold	do.	Lippe-Deimold	Nov. 6, 1796	April 4, 1802	5	Reform'd
George William	do.	Lippe-Schaumburg	Dec. 20, 1784	Feb. 13, 1787	2	do.
George	do.	Waldeck	Sept. 20, 1789	Sept. 9, 1813	24	Evang'l
Philip Augustus	L'ndg've	Hesse-Homburg	March 11, 1779	Jan. 19, 1839	60	Reform'd
Ch. Leopold Fr.	Gr. Duke	Baden	Aug. 29, 1790	Mar. 30, 1830	40	Evang'l
William II.	Elector	Hesse-Cassel	July 28, 1777	Feb. 27, 1821	44	Reform'd
Louis II.	Gr. Duke	Hesse-Darmstadt	Dec. 26, 1777	April 6, 1830	52	Lutheran
Charles Antony	Prince	Hohenzol'n Sigmar'n	Feb. 20, 1785	Oct. 17, 1831	46	Catholic
Frederick Wm.	do.	Hohenzol'n Hechin'n	Feb. 16, 1801	Sept. 12, 1838	37	do.
Aloys Joseph	do.	Lichtenstein	May 26, 1796	April 20, 1836	39	do.
William	King	Wurtemberg	Sept. 27, 1781	Oct. 30, 1816	35	Lutheran
Louis	do.	Bavaria	Aug. 25, 1786	Oct. 13, 1825	39	Catholic
Ferdinand	Emperor	Austria	April 19, 1793	Mar. 2, 1835	42	do.
Louis Philip	King	France	Oct. 6, 1773	Aug. 9, 1830	57	do.
Isabella II.	Queen	Spain	Oct. 10, 1830	Sept. 29, 1833	3	do.
Maria II.	do.	Portugal	April 4, 1819	May 2, 1826	7	do.
Charles Albert	King	Sardinia	Oct. 2, 1798	April 27, 1831	32	do.
Leopold II.	Gr. Duke	Tuscany	Oct. 3, 1797	June 18, 1824	26	do.
Maria Louisa	Duchess	Parma	Dec. 12, 1791	May 30, 1814	22	do.
Francis IV.	Duke	Modena and Massa	Oct. 6, 1779	June 8, 1815	35	do.
Charles Louis	do.	Lucca	Dec. 23, 1799	Mar. 13, 1824	24	do.
Gregory XVI.	Pope.	States of the Church	Sept. 18, 1765	Feb. 2, 1831	65	do.
Ferdinand II.	King	Two Sicilies	Jan. 12, 1810	Nov. 8, 1830	20	do.
Otho	do.	Greece	June 1, 1815	May 7, 1832	17	do.*
Abdul Medjid	Sultan	Turkey	April 20, 1823	July 1, 1839	16	Mahom'n

\*The King of Saxony is a *Catholic*, though the greater part of his subjects are *Protestants*; the King of Belgium is a *Protestant*, though his subjects are mostly *Catholics*; and the King of Greece is a *Catholic*, though most of his subjects are of the *Greek Church*.

## STATES OF EUROPE

*In 1837, with the form of Government, Square Miles, and Population, according to the "Penny Cyclopædia."*

States and Titles.	Form of Government.	Square Miles.	Population
Andorra, Pyrenees, <i>Republic</i> ,	With two syndics and a council,	190	15,300
*Anhalt-Bernburg, <i>Duchy</i> ,	States having limited powers,	336	45,500
*Anhalt-Cöthen, <i>do.</i>	Do. do.	310	36,400
*Anhalt-Dessau, <i>do.</i>	Do. do.	337	57,600
*Austria, <i>Empire</i> ,	Absolute monarchy, except Hungary, &c.	255,226	34,100,000
*Baden, <i>Grand Duchy</i> ,	Limited sovereignty; — two chambers,	5,712	1,240,000
*Bavaria, <i>Kingdom</i> ,	Limited monarchy; do.	28,435	4,300,000
Belgium, <i>do.</i>	Do do.	12,569	4,230,000
*Bremen, <i>Free City</i> ,	Republic; — senate and convention,	67	57,800
*Brunswick, <i>Duchy</i> ,	Limited sovereignty; — one chamber,	1,525	250,000
Church, States of, <i>Pope</i> dom,	Absolute elective sovereignty,	17,048	2,590,000
Cracow, <i>Republic</i> ,	Senate and chamber of representatives,	490	124,300
†Denmark, <i>Kingdom</i> ,	Absolute monarchy; — with prov. states,	59,762	2,097,400
France, <i>do.</i>	Limited monarchy; — two chambers,	202,125	33,600,000
*Frankfort, <i>Free City</i> ,	Republic; — senate and legislative body,	91	56,000
Great Britain, <i>Kingdom</i> ,	Limited monarchy; — lords and commons,	116,700	25,300,000
Greece, <i>do.</i>	Limited monarchy,	10,206	810,000
*Hamburg, <i>Free City</i> ,	Republic; — senate and common council,	149	153,000
*Hanover, <i>Kingdom</i> ,	Limited monarchy; — two chambers,	14,600	1,679,000
*Hesse-Cassel, <i>Electorate</i> ,	Limited sovereignty; — one chamber,	4,366	699,000
*Hesse-Darmstadt, <i>G. Duchy</i> ,	Limited sovereignty; — two chambers,	3,198	765,000
*Hesse-Homburg, <i>Landgr's'te</i>	Absolute sovereignty,	154	24,000
*Hohenzollern-Hechingen <i>Pr.</i>	Limited; — one chamber,	136	21,000
*Hohenzoll.-Sigmaringen, <i>do.</i>	Do. do.	383	42,800
Holland, with Luxemburg,	Limited monarchy; — two chambers,	13,890	2,830,000
Ionian Islands, <i>Republic</i> ,	Under Brit. protec.; — council and chamb.	998	242,000
*Lichtenstein, <i>Principality</i> ,	Limited monarchy, with one chamber,	52	5,800
*Lippe-Detmold, <i>do.</i>	Do. do.	432	79,000
*Lubeck, <i>Free City</i> ,	Republic; — senate and common council,	142	46,500
Lucca, <i>Duchy</i> ,	Limited sovereignty, with one chamber,	410	145,000
*Mecklen.-Schweren, <i>G. Du.</i>	Limited monarchy, with one chamber,	4,701	472,000
*Mecklenburg-Strelitz, <i>do.</i>	Do. do.	1,094	85,300
Modena and Massa, <i>Duchy</i> ,	Absolute sovereignty,	2,073	390,000
Monaco, <i>Principality</i> ,	Do.	50	6,700
*Nassau, <i>Duchy</i> ,	Limited sovereignty; — two chambers,	1,736	372,700
*Oldenburg, <i>Grand Duchy</i> ,	Absolute sovereignty,	2,470	260,000
Parma, <i>Duchy</i> ,	Do.	2,184	440,000
Portugal, <i>Kingdom</i> ,	Limited monarchy; — one chamber of rep.	34,500	3,400,000
*Prussia, <i>do.</i>	Absolute monarchy; — provincial states,	106,302	13,800,000
*Reus, <i>Principality</i> of	Limited sovereignty; — one chamber,	588	83,400
†Russia, <i>Empire</i> ,	Absolute monarchy,	2,041,809	51,100,000
San Marino, <i>Republic</i> ,	Senate and council of ancients,	21	7,500
Sardinia, <i>Kingdom</i> ,	Absolute monarchy, *	26,830	4,500,000
*Saxony, <i>do.</i>	Limited monarchy; — two chambers,	5,705	1,680,000
*Saxe-Altenburg, <i>Duchy</i> ,	Limited monarchy; — one chamber,	491	113,700
*Saxe-Coburg and Gotha, <i>do.</i>	Do. do.	790	132,000
*Saxe-Mein.-Hildburg., <i>do.</i>	Do. do.	880	146,400
*Saxe-Wiemar-Eisenach, <i>do.</i>	Do. do.	1,403	243,000
*Schwarzburg, <i>Principal. of</i>	Do. do.	756	118,500
*Schauenburg-Lippe, <i>Prin.</i>	Do. do.	205	26,000
Sicilies, The Two, <i>Kingdom</i> .	Limited monarchy, with a council,	41,521	7,650,000
Spain, <i>do.</i>	Limited monarchy, with a legislature,	176,480	11,963,000
Sweden and Norway, <i>do.</i>	Lim. monarchy, with a diet and storting,	284,530	4,150,000
Switzerland, <i>Republic</i> ,	Confederation of republics; — a diet,	17,208	2,116,000
†Turkey, <i>Empire</i> ,	Absolute monarchy,	183,140	12,000,000
Tuscany, <i>Grand Duchy</i> ,	Absolute sovereignty,	8,302	1,330,000
*Waldeck, <i>Principality</i> ,	Limited sovereignty; — one chamber,	455	56,000
*Wurtemberg, <i>Kingdom</i> ,	Limited monarchy; — two chambers,	7,568	1,610,000
<i>Total,</i>		3,708,871	233,884,800

\* Member of the Confederation of Germany.

† The *Continental* part, 21,472 sq. miles, 2,040,000 inhabitants; the *Islands*, 38,200 sq. miles, 57,400 inhabitants.

‡ Including the governments of Perm, Viatka, Kazan, Simbirsk, Penza, Saratof, Astrachan, and part of Orenburg: — also the kingdom of Poland, with 47,670 sq. miles, and 4,100,000 inhabitants.

§ Including Wallachia, Moldavia, and Servia.

## GREAT BRITAIN.

MINISTRY.—September, 1841.

		Salary.
Sir Robert Peel, <i>Bart.</i> ,	<i>First Lord of the Treasury,</i>	£5,000
Lord Lyndhurst,	<i>Lord High Chancellor,</i>	14,000
Lord Wharncliffe,	<i>Lord President of the Council,</i>	2,000
Duke of Buccleuch,	<i>Lord Privy Seal,</i>	2,000
Sir James R. G. Graham,	<i>Secretary of State—Home Dep.</i>	5,000
Earl of Aberdeen,	<i>Secretary of State—Foreign Dep.</i>	5,000
Lord Stanley,	<i>Secretary of State—Colonial Dep.</i>	5,000
Rt. Hon. Henry Goulbourn,	<i>Chancellor of the Exchequer,</i>	5,000
Earl of Haddington,	<i>First Lord of the Admiralty,</i>	4,500
Sir Edward Knatchbull,	<i>Paymaster-General,</i>	2,500
Earl of Ripon,	<i>President of Board of Trade,</i>	2,000
Sir Henry Hardinge,	<i>Secretary at War,</i>	2,580
Duke of Wellington,	<i>Commander of the Forces.</i>	

\*\*\*The above form the Cabinet.

Sir George Cockburn,	<i>Lord Commissioner of the Admiralty.</i>
Sir W. Hall Gage,	" " " "
Sir Geo. Francis Seymour,	" " " "
Capt. William Gordon,	" " " "
Hon. H. T. Lowry Cole,	" " " "
Earl of Liverpool,	<i>Lord Steward of the Household.</i>
Earl of Jersey,	<i>Master of the Horse.</i>
Earl of Rosslyn,	<i>Master of Stag-Hounds.</i>
Sir Frederick Pollock,	<i>Attorney-General.</i>
Sir William W. Follett,	<i>Solicitor-General.</i>

## IRELAND.

Earl De Grey,	<i>Lord Lieutenant,</i>	£20,000
Sir Edward B. Sugden,	<i>Lord Chancellor,</i>	8,000
Lord Eliot,	<i>Secretary of State.</i>	
T. B. C. Smith,	<i>Attorney-General.</i>	
R. W. Greene,	<i>Solicitor-General.</i>	

## PARLIAMENT.

The Parliament of Great Britain consists of a House of Lords and a House of Commons.

## HOUSE OF LORDS OR PEERS.

The House of Lords consists of Lords Temporal, who are Peers of the realm, and whose honors, immunities, and privileges are hereditary; and Lords Spiritual, consisting of Archbishops and Bishops.

The House of Lords is composed of all the five orders of nobility of England, viz: dukes, marquises, earls, viscounts, and barons, who have attained the age of 21 years, and labor under no disqualification; of 16 representative peers from Scotland; 28 representative peers from Ireland; 2 English archbishops and 24 bishops, and 4 representative Irish bishops. The number of each, in 1843, was as follows:

Dukes, (3 Royal Dukes,)	24	Peers of Scotland, (elected 1841,) 16	
Marquises,	20	Peers of Ireland, (elected for life,) 27	
Earls,	117	English Archbishops and Bishops, 26	
Viscounts,	21	Irish Archbishops and Bishops, 4	
Barons,	206	<i>Total,</i>	464

### HOUSE OF COMMONS.

Elected July, 1841. — Rt. Hon. Charles S. Lefevre, *Speaker*.

The House of Commons consists of knights, citizens, and burgesses, respectively chosen by counties, cities, and boroughs, apportioned as follows:

England and Wales, for	{	Counties, . . . . .	159	}	500
		Universities, . . . . .	4		
		Cities and boroughs, . . . . .	337		
Scotland	for {	Counties, . . . . .	30	}	53
		Cities and boroughs, . . . . .	23		
Ireland	for {	Counties, . . . . .	64	}	105
		University, . . . . .	2		
		Cities and boroughs, . . . . .	39		
Total.					658

The Union of Ireland was carried into effect January, 1st, 1801: and the Parliament which sat the same month, and which included the members from Ireland, is styled the *1st Imperial Parliament*; and the Parliament which assembled January 29, 1833, is styled the *11th Imperial, or 1st Reformed Parliament*. The following table exhibits the succession of Parliaments since the union with Ireland:

			When assembled.		When dissolved.		Existed.		
							Y.	M.	D.
2d	Imperial Parliament,		August	31, 1802	October	24, 1806	4	1	25
3d	do.	do.	November	25, 1806	May	27, 1807	0	6	2
4th	do.	do.	November	27, 1807	September	29, 1812	4	10	2
5th	do.	do.	November	24, 1812	June	10, 1818	5	6	16
6th	do.	do.	August	4, 1818	February	29, 1820	1	6	25
7th	do.	do.	April	22, 1820	June	2, 1826	6	1	9
8th	do.	do.	November	14, 1826	July	24, 1830	4	1	22
9th	do.	do.	October	26, 1830	April	22, 1831	0	5	27
10th	do.	do.	June	14, 1831	December	3, 1832	0	5	20
11th	Im. or 1st Ref. do.		January	29, 1833	December	30, 1834	2	0	25
12th	do. 2d do.		February	19, 1835	July	17, 1837	1	4	26
13th	do. 3d do.		October	15, 1837	June	23, 1841	4	1	2
14th	do. 4th do.		August	19, 1841					

## JUDICIARY.

*High Court of Chancery.*—Lord Lyndhurst, *Lord High Chancellor*; salary, £14,000:—Lord Langdale, *Master of the Rolls*, £7,000:—Sir Launcelot Shadwell, *Vice-Chancellor*, £6,000.

*Court of the Queen's Bench.*—Lord Denman, *Lord Chief Justice*; £10,000:—Sir J. Patteson, Sir J. Williams, Sir J. T. Coleridge, and Sir Wm. Wightman, *Judges*, £5,500 each.

*Court of Common Pleas.*—Sir N. C. Tindal, *Lord Chief Justice*, £8,000: Sir Th. Coltman, T. Erskine, Sir W. H. Maule, and Sir C. Cresswell, *Judges*, £5,500 each.

*Court of Exchequer.*—Lord Abinger, *Lord Chief Baron*, £7,000:—Sir John Gurney, Sir James Parke, Sir E. H. Alderson, Sir R. M. Rolfe, *Barons*, £5,500 each.

## Scotland.

*Court of Sessions.*—1st Division. David Boyle, *Lord President*, £4,300: J. H. Mackenzie, *Lord Mackenzie*; J. Fullerton, *Lord Fullerton*, *Judges*, £2,000 each.

2d Division.—John Hope, *Lord Justice Clerk*, £4,000.—Alexander Macnochie, *Lord Meadowbank*; J. H. Forbes, *Lord Medwyn*; Sir J. W. Moncrieff, *Lord Moncrieff*, *Judges*, £2,000 each.—Those of the Judges who are also Judges of the Criminal Court, have an additional £600 a year.

*Outer House; Permanent Lords Ordinary, attached equally to both Divisions of the Court.* Francis Jeffrey, *Lord Jeffrey*; H. Cockburn, *Lord Cockburn*; J. Cunninghame, *Lord Cunninghame*; Sir J. A. Murray, *Lord Murray*; James Ivory, *Lord Ivory*.

## Ireland.

*Court of Chancery.*—Sir Edward B. Sugden, *Lord Chancellor*, £8,000: Francis Blackburne, *Master of the Rolls*, £4,500.

*Court of the Queen's Bench.*—Hon. E. Pennefather, *Lord Chief Justice*, £5,076. Charles Burton, Philip C. Crampton, Louis Perrin, *Judges*, £3,692 each.

*Court of Common Pleas.*—Hon. John Doherty, *Lord Chief Justice*, £4,615. Robert Torrens, Nicholas Ball, and J. D. Jackson, *Judges*, £3,692 each.

## ARCHBISHOPS AND BISHOPS OF IRELAND.

Cons.	Archbishops.	Dioceses.	Cons.	Bishops.	Dioceses.
1805	Lord J. G. Beresford, D. D.	Armagh.	1842	J. T. O'Brien, D. D.	Ferns & L.
1831	Richard Whately, D. D.	Dublin.	1812	John Leslie, D. D.	*Elphin.
	<i>Bishops.</i>		1820	Richard Mant, D. D.	Down & Con.
			1828	Rich'd Ponsonby, D. D.	Derry.
1842	Edward Stopford, D. D.	Meath.	1831	Samuel Kyle, D. D.	Cork.
1803	Charles Lindsay, D. D.	*Kildare.	1831	Edmund Knox, D. D.	Limerick.
1804	Ld. R. P. Tottenham, D. D.	*Clogher.	1839	Thomas Plunket, D. D.	Tuam & K.
	<i>Vacant,</i>	Cashel, &c.	1839	Ludlow Tonson, D. D.	Killaloe.

\* The bishoprics thus marked are to be abolished when they become vacant.

## ARCHBISHOPS AND BISHOPS OF ENGLAND.

Cons.	Archbishops.	Dioceses.	No. Benefices.	Gross Income.
1813	Wm. Howley, D. D., <i>Primate</i> .	Canterbury,	346	£129,946
1791	Edward Harcourt, D. C. L.	York,	591	223,220
	<i>Bishops.</i>			
1824	Charles J. Blomfield, D. D.	London,	640	267,662
1826	Charles R. Sumner, D. D.	Winchester,	419	153,995
1812	George Henry Law, D. D.	Bath and Wells,	430	120,210
1820	John Kaye, D. D.	Lincoln,	1,251	373,976
1820	William Carey, D. D.	St. Asaph,	143	42,592
1824	Christopher Bethell, D. D.	Bangor,	123	35,064
1827	George Murray, D. D.	Rochester,	94	44,565
1827	Edward Copleston, D. D.	Llandaff,	192	36,347
1829	Richard Bagot, D. D.	Oxford,	196	51,895
1830	James Henry Monk, D. D.	Glouces. & Bristol,	536	155,608
1830	Henry Phillpotts, D. D.	Exeter,	613	194,181
1836	Joseph Allen, D. D.	Ely,	150	56,495
1842	Ashurst Turner Gilbert, D.D.	Chichester,	267	82,673
1837	Edward Denison, D. D.	Salisbury,	397	134,255
1837	Edward Stanley, D. D.	Norwich,	1,026	331,750
1837	Thomas Musgrave, D. D.	Hereford,	321	93,552
1839	George Davys, D. D.	Peterborough,	293	98,381
1839	James Bowstead, D. D.	Litchfield and Cov.	610	170,104
1839	H. Pepys, D. D.	Worcester,	223	73,255
1840	Connop Thirlwall, D. D.	St. David's,	409	60,653
1831	Edward Maltby, D. D.	Durham,	192	74,557
1827	Hugh Percy, D. D.	Carlisle,	124	22,487
1828	John Bird Sumner, D. D.	Chester,	630	120,310
1836	Charles Th. Longley, D. D.	Ripon,		
1841	T. V. Short, D. D.	Sodor and Man,	23	3,727

## ENGLISH COLONIAL BISHOPS.

Cons.	Bishops.	Dioceses.	Allowance.	Clergy.
1825	John Inglis, D. D.	Nova Scotia,	£2,400	
1824	Christopher Lipscomb, D. D.	Jamaica,	4,000	
1824	— Parry, D. D.	Barbadoes,	4,000	
1832	Daniel Wilson, D. D.	Calcutta,	5,000	37
1836	George J. Mountain, D. D.	Montreal,	1,500	
1836	Thomas Carr, D. D.	Bombay,	2,500	12
1836	Wm. Grant Broughton, D. D.	Australia,	2,000	
1837	G. T. Spencer, D. D.	Madras,	2,500	24
1839	John Strachan, D. D.	Toronto.		
1839	Aubrey George Spencer, D. D.	Newfoundland		
1842	G. A. Selwyn,	New Zealand.		
1842	W. P. Austin, D. D.	Brit. Guiana.		
1842	— Tomlinson, D. D.	Malta & Gibralt.		
1842	F. R. Nidson, D. D.	Van D's Land.		
1842	— Davis, D. D.	Antigua.		



## BRITISH AND AMERICAN TRADE.

Returns to two orders of the House of Commons have been lately laid before the House, exhibiting the annual amount of exports and imports, and of the shipping employed between the ports of the United States and Great Britain, for the last ten years. The amount in value of exports from Great Britain to the United States was extremely variable, having risen in 1836 to £12,425,605, and fallen in the next year to £4,695,225. The amount, or rather the value, was smallest in 1842, viz. £3,528,807, having been, in 1832, more than double, viz. £7,579,699. The greatest falling off was in cotton and woollen manufactures, the amount of the former having been in 1832, £1,733,047, and in 1842, only £487,276; and of the latter, in 1832, £2,269,883, and in 1842, £892,335. In one other article, however, the proportion of diminution was still greater than that of woollen goods, viz. the silk manufacture. The value of silk goods exported to the United States in 1832, was £251,278, and in 1842, only £81,243.

In the imports in the mean time, as well as in the tonnage of both nations, there was an increase. The amount of cotton imported in 1833, was 237,506,758 lbs., and in 1842, 414,030,779 lbs. Tobacco in 1833, 20,748,317 lbs.; in 1842, 38,618,012 lbs.

## CENSUS OF IRELAND.

The returns of the population of Ireland, taken under the census of 1841, present the following result:

	Males.	Females.
Leinster, . . . . .	936,747	1,009,984
Munster, . . . . .	1,186,190	1,209,971
Connaught, . . . . .	707,884	711,072
Ulster, . . . . .	1,161,846	1,224,574
	<hr/> 4,019,667	<hr/> 4,155,606
Total population in 1841, . . . . .		8,175,273
In 1821, the population was . . . . .		6,801,827
In 1831, it was . . . . .		7,767,401

## FRANCE.

MINISTRY. — October 29, 1840.

Marshal Soult, Duke of Dalmatia,	<i>Pres. of the Council and Min. of War.</i>
M. Guizot,	<i>Minister of Foreign Affairs.</i>
M. Martin (du Nord,)	<i>Minister of Justice and Public Worship.</i>
Admiral Duperré,	<i>Minister of Marine and the Colonies.</i>
Count Duchatel,	<i>Minister of the Interior.</i>
M. Cunin Gridaine,	<i>Minister of Commerce and Agriculture.</i>
M. Teste,	<i>Minister of Public Works.</i>
M. Villemain, (Peer,)	<i>Minister of Public Instruction.</i>
M. Lacave Laplagne,	<i>Minister of Finance.</i>

## FOREIGN OBITUARY.

1842.

April 5. — At Brighton, England, *Patrick Kelly, L. L. D.*, aged 86. He was well known in the literary and scientific world, by his clear and able treatises on several branches of science. His great work, the "Universal Cambist," in which he had the assistance of government through their foreign consulates, is justly considered a standard authority on the points of which it treats, and will be a lasting monument of his talent and industry. He published, also, "A Practical Introduction to Spherics and Nautical Astronomy," a volume of "Astronomical Computations," a treatise on "Metrology, or an Exposition of Weights and Measures," and several other scientific works.

June 11. — In London, England, *Rev. Alexander Crombie, L. L. D., F. R. S.*, aged 80. Dr. Crombie was born at Aberdeen, in 1760, and educated at the Marischal College in that city, where he took the degree of A. M., about 1777, and was created L. L. D. in 1798. He resided for some years at Highgate, where he occasionally officiated as pastor of a Presbyterian society, and kept a private school, as he did afterwards at Greenwich, for seventeen years, with great success. He subsequently obtained a large fortune by the unexpected bequest of a distant relative. He published a number of works, among the more distinguished of which were the following: "A Defence of Philosophical Necessity." 1793. 8vo. "The Etymology and Syntax of the English Language Explained." 1802. 8vo. 4th edit. 1836. "Gymnasium, sive Symbola Critica." 1812. 2 vols. 8vo. 5th edit. 1834. "Natural Theology; or Essays on the Existence of Deity, and of Providence, on the Immateriality of the Soul, and a Future State." 1829. 2 vols. 8vo. "He possessed, in the highest degree, a keen and penetrating intellect. As a scholar and a critic, a metaphysician and a theologian, his name has long stood high among the first writers of the land."

June 21. — In London, England, *Mr. Frederick H. Yates*, aged 45, the manager of the Adelphi Theatre. He first distinguished himself as an imitator of various characters, after the manner of the elder Matthews, with whom he was for a time associated in giving professional entertain-

ments. In a wide range of comedy and tragedy, he exhibited a degree of skill, versatility, and genius, such as few of his contemporaries could reach.

Aug. 4. — Near Kilkenny, Ireland, in his 42d year, *John Banim, Esq.*, a popular Irish novelist. He began his literary career when very young, and was quite successful, though he was much distressed by pecuniary difficulties. In the latter part of his life, he enjoyed a pension of £150 a year from the government. Among the most successful of his novels were "The O'Hara Tales," "The Boyne Water," and "The Smuggler."

Aug. 20. — At Walton-upon-Thames, England, *William Maginn, L.L.D.*, in his 49th year. He was a native of the city of Cork, and at a very early age graduated at the University of Dublin with distinguished honor. He was one of the earliest correspondents of the *Literary Gazette*, and in 1818–20 was a constant contributor, under the *soubriquet* of "O'Doherty," to *Blackwood's Magazine*. Coming to London in 1823, he continued his literary pursuits with great vigor and activity. He published a romance called "Whitehall," and became connected with the "Standard" newspaper, which his skill as a political controversialist, fighting on the Tory or Conservative side, raised in reputation and efficacy as the organ of a great party in the state. In the latter part of his life, he was connected with *Fraser's Magazine*, and his contributions to this journal alone are enough to establish his fame as an able critic and accomplished scholar. He was a good linguist, endowed with a rich fancy, and full of riotous, extravagant humor. In private life, he was social, warm-hearted, and thoughtless, and his convivial habits injured his fortunes. He died poor, leaving a small family dependent on his friends.

Sept. 21. — At Hampstead, England, aged 77, *James Ivory, F. R. S.*, a member of the Institute of France. He was a mathematician of the highest rank, the result of his inquiries being given to the world in numerous elaborate memoirs, most of which were published in the *Philosophical Transactions*.

Sept. 25. — At Knightsbridge, England, the *Hon. Richard Wellesley, Marquess Wellesley*, aged 82. He was born in Dublin, June 20, 1760, being the eldest son of the Earl of Mornington. He was educated at Eton College and the University of Oxford, and gained many honors from his classical attainments, for which he was distinguished through life. His younger brothers, the Duke of Wellington among the number, attained some distinction in this way, but the eldest member of the family far surpassed them. He entered public life at an early period, becoming a member of the House of Commons in 1784, and a Lord of the Treasury in 1786. He took an active part in the debates of the stormy period which followed, and showed great hostility to the principles of the French revolution. In July, 1797, he was appointed to succeed Lord Cornwallis as Governor-General of India, when he was created a peer of England. His administration of Indian affairs was very prosperous, the British power in that country being built up mainly under his rule, and by the splendid

military achievements of his brother, the future Duke of Wellington. In 1805, he was recalled at his own request, and, in 1809, he was appointed ambassador to Spain, and landed at Cadiz on the day when the battle of Talavera was fought. By his diplomacy, he rendered important aid to the arms of his brother. After his return to England, he joined the Ministry under Mr. Percival, becoming Secretary of Foreign Affairs, which office he held from 1809 to 1812, when he withdrew, because he differed from his colleagues on the Catholic question. He came into power again in 1822, as Lord-Lieutenant of Ireland, which office he retained till 1828, and held it again for about a year in 1834, under Earl Grey's administration. In 1835, he retired from public life. He had published several political pamphlets, and a few years since, he printed a volume of Latin poems, written with singular taste and elegance. His great mental powers remained unimpaired till the close of his long life.

Oct. 29. — In London, England, *Allan Cunningham, Esq.*, aged 56. Born of humble parentage, he was taken from school when eleven years old, and apprenticed to a stone mason. His earliest appearance in print was as a contributor to Cromek's "Remains of Nithsdale and Galloway Song." Most of the fragments which there bear his name were fabricated by him, and some of the ballads are exquisitely tender and beautiful. In 1810, he came to London to seek his fortune, and tried most of the means of which a literary man can avail himself. He wrote for the newspapers, and published two novels, "Paul Jones," and "Sir Michael Scott;" a drama, "Sir Marmaduke Maxwell," and a volume entitled "the Songs of Scotland." Finally, he obtained a situation in the studio of Sir Francis Chantrey, as his book-keeper and amanuensis, where he remained till his death. It is believed, that Chantrey was much indebted to him for the marks of imagination and fancy which appear in the works of the great sculptor. Cunningham wrote frequently for the press, after he obtained this situation. His "British Painters, Sculptors, and Architects," in five volumes, included in the "Family Library," deservedly became a popular work. He put the finishing touch to his "Memoirs of Sir David Wilkie" but two days before his own decease.

Oct. 31. — In London, England, *Solomon Herschell, D. D.*, aged 82, Chief Rabbi of the German and Polish Jews in England. He was a Rabbi of the Great Synagogue for 41 years. He was a majestic figure, with the look of one of the "Old Fathers," and his long white beard and tall dignified person rendered him an object of considerable mark in the streets of London. His obsequies were performed with great solemnity.

Nov. 6. — At Tottenham, England, *William Hone*, aged 63, the well-known author of the "Every Day Book," and other works. He was much distinguished at one time as a writer of political satires, and was prosecuted for a libel on government. He defended himself at the trial, exhibiting extraordinary power of language and argument, and was acquitted. He died quite poor, leaving a dependent family.

Dec. 7. — At Pisa, in Italy, *Thomas Hamilton, Esq.*, the author of "Cyfil Thornton," "Annals of the Peninsular Campaigns," and "Men and Manners in America," and a noted contributor to Blackwood's Magazine.

Dec. 10. — Near Shrewsbury, England, the *Right Hon. Rowland Hill, Viscount Hill*, aged 70, the well known coadjutor of the Duke of Wellington in the Peninsular campaigns, and from 1838 to 1842, Commander-in-chief of the British army. The following victories are enumerated on his monumental column, near Shrewsbury, at all of which he was high in command, and contributed materially to the success of the British arms: — Roleia, Vimiera, Corunna, Douro, Talavera, Busaco, Arroyo del Molino, Almaraz, Vittoria, Pyrenees, Nivelle, Nive, Hilette, Orthez, Aire, Tarbes, Toulouse, and Waterloo. .

Dec. 27. — At Studley Priory, England, in his 85th year, *Sir Alexander Croke, D. C. L.*, formerly Judge of the Vice-Admiralty Court at Halifax, N. S. He was quite a voluminous writer on subjects of law, politics, and general literature.

Dec. 27. — In Chester, England, aged 73, *Rev. Francis Wrangham, F. S. A.*, late Archdeacon of the East Riding of York, much distinguished as a poet, antiquarian, and general scholar.

## 1843.

Jan. 25. — Assassinated in the street, in London, in his 51st year, *Edward Drummond, Esq.*, Private Secretary to Sir Robert Peel. "As Private Secretary to the Earl of Ripon, when Chancellor of the Exchequer, he displayed those qualifications which recommended him successively to the notice of Mr. Canning, the Duke of Wellington, and Sir R. Peel. Under these statesmen, it was his lot to discharge, for nearly twenty years, duties which are only inferior to those of a Cabinet minister, because they are less conspicuous."

Feb. 19. — At Boulogne sur Mer, France, *Michael J. Quin, Esq.*, aged 47. He was well known to general readers as the author of "A Visit to Spain," "A Steam Voyage down the Danube," and to a more limited circle as an extensive contributor to periodical publications. He edited the *Monthly Review* for seven years, 1825–32, and was the first editor of the *Dublin Review*, which began in 1836.

March 21. At Keswick, England, *Robert Southey, L. L. D.*, aged 68. He was born at Bristol, Aug. 12, 1774. He entered at Baliol College, Oxford, in 1792; but from his tendency to Socinian opinions, he was induced to leave the university, in 1794. In the same year, he published his first volume of poems, in conjunction with his friend Lovell, and also took part in the famous Pantisocracy scheme, a Utopian plan, which was soon abandoned. In 1795, he married Miss Fricker, of Bristol, the sister

of Mrs. Coleridge. In the same year, his "Joan of Arc" was published. He finally established his residence at Keswick, in the lake country, early in the present century. In 1813, he was appointed poet laureate, received his doctor's degree from Oxford in 1821, and in 1839, contracted a second marriage with Miss Caroline Bowles. It is well known, that at different times he was offered a baronetcy and a seat in Parliament, both of which he declined. His most successful poems were "Thalaba," "The Curse of Kehama," and "Roderick, the Last of the Goths." Among his most important prose works, are the "Letters of Espriella," the "Colloquies with Sir Thomas More," the "Book of the Church," the "History of the Brazils," the "Life of Nelson," the "Life of Wesley," and that singular book, "The Doctor." Excess of mental labor at last overcame him, and for the last three years of his life, he was in a state of mental darkness. As a poet, his exuberance of imagination was never equalled and his mastery of versification never surpassed; as a prose writer, at once elegant and forcible, his name will endure as long as the language in which he wrote. His property, amounting to about £12,000, is bequeathed to his children.

April 21. — In London, England, *His Royal Highness, Augustus Frederick, Duke of Sussex*, aged 70. He was the ninth child and fifth son of George the Third, and was born Jan. 27, 1773. The Duke was twice married, although neither of the marriages received the sanction of the Royal Marriage Act; first, to Lady Augusta de Ameland Murray, at Rome, in April, 1793, and in London, Dec. 5, 1793, which marriage was declared null by the Prerogative Court in August following. The issue of this marriage are, Sir Augustus de Este, born January 13, 1794, and Ellen Augusta Mademoiselle d'Este, born Aug. 11, 1801. Lady Augusta Murray survived her separation from her illustrious husband until March, 1830. The Duke's second wife, Lady Cecilia Gore, daughter of the second Earl of Argyll, survives His Royal Highness. She was created Duchess of Inverness, March the 30th, 1840. The Duke of Sussex was through life the constant encourager, (as far as his means allowed,) of learning and science, and the patron of all deserving aspirants in the various walks of art, as well as the benevolent supporter of most of the various charities which adorn and distinguish the British metropolis.

May 18. — At Kingston, Canada, aged 61, *Sir Charles Bagot*, late Governor-General of the British North American provinces. He was born Sept. 23d, 1781, being the second son of William, first Lord Bagot. In 1807, he acted as under secretary of state for foreign affairs with Mr. Canning. He was appointed Minister to the Court of France, in 1814. In 1820, he was made ambassador to St. Petersburg, and in 1824, ambassador to the Hague. On the dissolution of the Melbourne administration, he was appointed Governor-General of Canada, that office being made vacant by the death of Lord Sydenham.

June 12. — In Camden town, England, aged 42, *Rev. Samuel Kidd*, Professor of Oriental and Chinese literature in University College, London.

In 1841, he published a learned and ingenious work, called "Illustrations of the Symbols, &c., of China." His extraordinary powers for the acquisition of language, and tenacious memory for general literature, were displayed at a very early age.

June 27. — In London, in his 65th year, *Mr. John Murray*, the distinguished publisher. In private life, Mr. Murray was beloved by all who knew him; and in kindness of heart, warmth of hospitality, and sincerity of friendship, has left few equals. As a publisher, his name is associated with those of all the most eminent men, who have adorned the literature of the present century; many of them are still alive to lament his loss, and many have gone before him, leaving reputations which, living, he did all that enlightened enterprise and the noblest liberality could do to foster, and for which his reward will be a fame as lasting, if not so splendid, as their own. In after ages, the name of Byron preëminently, and of Scott, Southey, Moore, and a host of others almost as illustrious, will not fail to excite the remembrance of the publisher, who first gave their productions to the world, who lived with them on terms of intimacy and friendship, and who rewarded their genius more substantially than book-seller ever rewarded genius before.

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## AMERICAN OBITUARY.

1842.

Sept. 24. — At King William Co., Va., in the 74th year of her age, *Mrs. Elizabeth Aylett*, widow of the late Philip Aylett, of Montville, and daughter of the celebrated orator, Patrick Henry.

Oct. 12. — In Cincinnati, Ohio, *Rev. Bartlett Bennett*, aged 99 years. The deceased was born in the county of Albemarle, in the State of Virginia, in the year 1743. He became a Baptist preacher in his 25th year, and was one of the early pioneers in the State of Kentucky.

Oct. 9. — In Mansfield, Ms., *Benjamin Billings, M. D.*, aged 82. He was a surgeon in the revolutionary army, and had practised medicine in Mansfield for more than fifty years.

Sept. 12. — In New Brunswick, N. J., *Rev. Robert Birch*, aged 34, pastor of the Presbyterian Church, distinguished for his talents and acquirements, and for his powers as a preacher,

Dec. — At Ithica, Tompkins Co., N. Y., *Francis A. Bloodgood, Esq.*, aged 67. He studied law with John V. Henry, Esq., of Albany, and emi-

grated at an early period to Oneida Co. He was soon appointed a Clerk in Chancery and Clerk of the County, a lucrative office, which he held for twenty years. During the war, he was appointed collector of the revenue for the United States, and for eight years he was a senator for the Western District. During his legislative career he was an active friend of the Erie canal, and, at a later period, he acted a prominent part in carrying out the project of the Erie railroad. He was remarkable for his strong mind, extensive knowledge, and consistency and integrity of conduct.

Oct. 25.—In Halifax, N. S., *Hon. Sampson Salter Blowers*, aged 100 years. He had been for some years the oldest living alumnus of Harvard College, having graduated at that institution in 1763. He was born in Boston, and studied law under Gov. Hutchinson. In 1770, he was junior counsel with Adams and Quincy, when eight British soldiers were tried for what was called the Boston Massacre. Adhering to the party of England, when the revolutionary war broke out, he was imprisoned for some time, and then sent in a cartel to Halifax. He steadily pursued his profession in Nova Scotia, and with good success; for he was raised to the Supreme Bench in 1795, became presiding judge in 1801, and remained in this office till he resigned in 1833. He never revisited his native place after his name was included in the Proscribing Act of the Massachusetts Assembly, in 1778.

Dec. 31.—In Hackensack, N. J., *Hon. George Cassedy*, aged 58, for several years a Representative in Congress from New Jersey.

Sept.—In Cranberry, N. J., *Col. David Chambers*, aged 94, a soldier of the Revolution, highly respected through life by a large circle of friends.

Oct. 2.—At Bennington, Vt., *Rev. William Ellery Channing, D. D.*, aged 62. Dr. Channing was born at Newport, R. I., April 7th, 1780. His father was William Channing, Esq., an eminent lawyer, who died in the midst of professional success, when his son William was in his fourteenth year. His mother was a daughter of William Ellery, one of the signers of the Declaration of Independence. The impression which Dr. Channing made in his youth upon the other members of his family is still very distinct; he is said to have been, even then, "singularly pure, devout, earnest, and aspiring, leading his friends to anticipate the full beauty of his matured character." After completing the usual preparatory studies, he entered Harvard College, at Cambridge, where he graduated in 1798, having attained the highest honors of the institution, and distinguished himself by industrious habits, a blameless deportment, and indications of great natural endowments. When his college studies were finished, he accepted an invitation to reside a year with Mr. David M. Randolph, of Richmond, Va., as the instructor of his children. While in Virginia, his mind was directed to the Christian ministry, as the sphere of his future studies and labors, and he became a diligent student of the Scriptures. After his return from the South, he pursued his professional



studies, partly with his uncle, the Rev. Henry Channing, of New London, Ct., and partly at the college, in Cambridge. He soon became distinguished as a preacher, and at nearly the same time received an invitation from two religious societies in Boston, to settle with them as their pastor. He accepted the call from the church in Federal street, which was then the smaller and weaker of the two; and his ordination took place on the first of June, 1803.

The society rapidly increased under his charge; his reputation and influence in the community became marked and extensive; and his assistance was soon eagerly sought in a broader sphere of exertion and usefulness. In 1812, he was appointed Dexter lecturer on Biblical Criticism, in Harvard College; but the state of his health did not allow him to enter on the duties of the office, and he resigned it in the following year. He was then chosen a member of the Corporation of the college, and held a seat at this board till 1826. The honorary degree of D. D. was conferred on him in 1820. A feeble constitution and liability to disease, the foundation of which was probably laid during his residence in Virginia, proved great impediments to his labors throughout his career. This cause, in 1822, induced him to undertake a voyage to Europe; and he remained abroad little more than a year. For the same reason, in the autumn of 1830, he again left the United States, and spent the winter in St. Croix. His infirmities of body caused him to ask for an assistant in the ministry, and a colleague was settled in 1824. He continued to officiate in the pulpit, though not frequently, till 1840, when he resigned his salary, and requested to be released from all professional services, though he wished to retain the pastoral connection with the society. The summer he always spent in the country, and, in 1842, he chose his residence among the mountains in the western part of Massachusetts. On his way home, through Vermont, he was exposed to a temperature of unusual severity for the season, which brought on an attack of disease at Bennington, where he died. His death was worthy of his life, for it was met with calmness, resignation, and christian hope.

The foregoing account is abridged chiefly from a funeral address, delivered by his former colleague, the Rev. Ezra S. Gannett. Of Dr. Channing's eminence, both as a preacher and a writer, it is hardly necessary to speak. His reputation in the latter capacity was probably higher in England than in this country. His published works include a large number of religious discourses, the articles on Milton, Bonaparte, and Fenelon, which appeared in the *Christian Examiner*, in the years 1826-29, and a variety of tracts on Slavery, and the condition of the Laboring Classes. An edition of them, complete at the time, in five volumes duodecimo, was published, a few years since, at Glasgow and at Boston. A sixth volume is now added, containing some other tracts, which have since appeared in print. Dr. Channing hoped to execute some larger work, in which should be unfolded more systematically his views of the

nature and dignity of man, and of the principles on which society should be formed and governed. But the plan was cut short, at an early stage, by his sickness and death. For a just and complete estimate of his literary merits, we may refer to an article published some years since in the *North American Review*.

Aug. 2.—In Bethlehem, Hunterdon Co., N. J., *John Clifford*, aged 94, a Lieutenant in the revolutionary army. He served through the war, in some of the principal battles in the Middle States.

Sept. 25.—In Clarke Co., Ala., in his 78th year, *Mr. John Cox*. He was one of those patriarchal men, whose honest and straight-forward characters are not always fully appreciated, except by their own families and friends. Mr. Cox was born on the 19th October, 1764, in Essex County, Virginia. He served in the war of the Revolution, and was present at the surrender of Cornwallis. He removed to Alabama in 1811, and shared with a numerous family all the privations and dangers of the Indian war of that time. He trained up a large family of children to habits of honest industry, neglecting, perhaps too much, their intellectual advancement, and forming them only for a humble and laborious career in life. He lived to see, as his descendants, 12 children, 72 grand-children, 33 great grand-children, and 3 of the fourth generation.

Dec. 20.—In New York, N. Y., the *Rt. Rev. John Dubois*, R. C. Bishop of New York, aged 78. He was born in Paris, and emigrated to the United States in 1791, bringing letters of recommendation to some of our most distinguished citizens from Gen. Lafayette. In 1808, he was active in founding St. Mary's College; and in 1826, he was appointed Bishop of New York. He was a learned, exemplary, and much respected prelate.

Nov. 12.—Near Fairfield, Pickens Co., Ala., *Harvey W. Ellis, Esq.*, of Tuscaloosa, Ala., in the 41st year of his age. He was a native of Fayette County, Kentucky, whence he removed, in 1822, to Alabama, and commenced the practice of law, in which profession he became distinguished for the soundness and extent of his learning, and for his eloquence as an advocate. He was several times elected a member of the General Assembly, and evinced great judgment and sagacity in the discharge of his legislative duties. The high and estimable qualities of mind and heart, which insured his success in professional and public life, also endeared him to a large circle of friends, who appreciated his worth, and who mourn his death.

Oct. 25.—In Exeter, N. H., *John A. Emery*, aged 23, a member of the Senior class of Harvard College.

Aug. 21.—In Pemberton, Burlington Co., N. J., *Rev. Daniel Fidler*, aged 71, for 53 years a devoted minister of Christ, in the Methodist Episcopal Church.

Oct. 19.—At Lyndon, Vt., *Gen. Isaac Fletcher*. He was formerly a member of the Vermont Legislature, and a member of Congress from that State.

Nov. 1.—Near Wilmington, Del., *Capt. John Gallagher*, of the U. S. Navy, aged 58.

Sept. 12.—In Mansfield, Mass., *David Gilbert, Esq.*, Counsellor at Law, aged 71. He graduated at Harvard College in 1797.

Dec. 2.—In Habersham Co., Ga., *Richard W. Habersham*, aged 56, a representative in Congress from Georgia. He was born in Savannah in 1786, and was educated at Nassau Hall, N. J., where he graduated in 1806. Returning to his native State, after the usual preparatory studies, he was called to the Bar, and soon became distinguished in the practice of his profession. He occupied stations of honor and trust, both under the Federal and State governments, the duties of which he discharged with great ability, and to the entire satisfaction of those with whom he was connected. He was elected to Congress in 1838, and again in 1840, and commanded great respect in the House, from his political integrity and his gentlemanly character.

Sept.—On board the U. S. Frigate *Constellation*, lying in Hong Kong bay, (China,) *Lieut. Levin Handy*, U. S. Navy, in the 29th year of his age.

Dec. 10.—In Huntingdon, Tenn., *Maj. Pleasant Henderson*, late of Chapel Hill, N. C., aged 86. He served as Major in Gen. Greene's army during the revolutionary war, and was a companion of Daniel Boone in many of his adventures in the early settlement of Kentucky. For nearly thirty years, he was clerk of the House of Commons in North Carolina. His gentlemanly manners, patient temper, and kind heart obtained for him many friends.

Dec. 29.—At Lexington, Ky., *Hon. Thomas M. Hickey*, late Judge of the Circuit Court of Kentucky, a distinguished lawyer and respected citizen.

Nov. 26.—At Phippsburg, Me., in the 71st year of his age, *Hon. Mark Langdon Hill*, formerly member of Congress from Lincoln District. From the year 1792 to the close of his useful life, he had been almost constantly in the exercise of some public employment, either by popular election or executive appointment, and his faithfulness and integrity in every trust committed to him will long be remembered. He was not only distinguished in official capacity, but also fulfilled the smaller but not less important duties of private life, as became a man and a christian. In manners he was dignified, but mild, affable, and unassuming. Though denied the advantages of a liberal education, he succeeded, by assiduous self-culture, in making himself useful to his country, and gaining honor to himself in the various posts of high responsibility to which he was successively elevated. He had been, at various periods, a member of the Senate and House of Representatives of Massachusetts, a Judge of the Court of Common Pleas, Member of Congress, Postmaster at Phippsburg, Collector of the Port at Bath, and sustained several other town and county offices. He was one of the Overseers of Bowdoin College from the first, until 1821, when he became a Trustee, in which office he continued

till his decease, and during the whole period of 49 years regularly attended every meeting except one.

Oct. 3.—In Albany, N. Y., *Hon. Eli Hutchinson*, of Catskill, aged 63. He was widely esteemed for his probity and worth, and for the kind manner in which he managed his large possessions.

Nov. 1.—At New Orleans, La., burned to death by a conflagration in the hotel of which he kept the bar, *Louis D. Jose*, commonly called "Old Portuguese Joe," aged about 70. He was Captain of the maintop on board Com. McDonough's ship *Saratoga*, during the naval fight on lake Champlain. During the engagement, when the American flag was shot away, he mounted the rigging and nailed the flag to the mast, for which he received the public thanks of the Commodore, when the action was concluded.

Sept. 3.—In Sheldon, Vt., *Rev. Reuel Keith, D. D.*, late Principal of the Episcopal Theological Seminary near Alexandria, D. C. He was eminent as a scholar, and beloved and revered as a teacher and a clergyman.

Oct. 7.—At Eastport, Me., *Major Reynold M. Kirby*, of the U. S. Army, aged 52, much respected in the exercise of his profession, and in private life.

Dec. 18.—In New York, N. Y., *Baron Louis Lederer*, Austrian Consul General, for many years a resident of the city, a gentleman possessed of a highly cultivated mind and amiable manners. His loss will be regretted by his numerous friends.

Oct. 23.—At New Orleans, *Alfred J. Lewis*, Recorder of the Third Municipality, aged 32.

Nov. 29.—In Hawley, Ms., *Edmund Longley, Esq.*, aged 96. He erected the first framed house in H. (then called No 7,) and removed his family into it in 1781. He was sent for many years to the General Court; was the first Plantation and Town Clerk; held the offices of Town Clerk, Selectman, and Treasurer; was a Justice of the Peace for nearly 50 years, and was both a soldier and an officer in the revolutionary war.

Sept.—At St. Louis, Mo., *Hon. John B. C. Lucas*, aged about 80. He was born in Normandy, France, of a distinguished family, and was educated at the University of Caen, where he graduated, as Doctor of the Civil and Canon Law, in 1782. In 1784, he emigrated to the United States, and settled near Pittsburg, Penn., where he soon acquired the confidence of the people, and was elected to the Legislature, and served also as Judge in the Court of Common Pleas. In 1802, he was chosen a member of Congress, and again in 1804. In 1805, he was appointed by Mr. Jefferson to the office of Judge of the highest court of Upper Louisiana, and he resigned his seat in Congress, and removed to St. Louis, where he resided till his death. He held this office till 1820, when he retired to private life. "Judge Lucas was distinguished through the whole period of his protracted life for ability, energy, and decision of character, and an ardent devotion to the cause of civil liberty."

Sept. 14.—In Baltimore, Md., *Christian Mayer*, aged 79, President of the Neptune Insurance Company, and Consul General of his native country of Wurtemberg. Mr. Mayer removed to this country at the close of the revolutionary war, and for nearly 59 years resided at Baltimore, where he was highly respected.

Nov. 7.—At Raleigh, N. C., *Rev. William McPheters, D. D.*, aged 64, a distinguished divine, a ripe scholar, and for many years a faithful and successful teacher of youth.

Dec. 1.—In Philadelphia, Penn., *Henry Morris, Esq.*, Sheriff of the city and county of Philadelphia, aged 65. He was a son of the distinguished financier, Robert Morris, was chosen Sheriff in October, 1841, and had discharged the duties of the office with great fidelity, and to the satisfaction of the people.

Nov.—In New York, N. Y., *Dr. Isaac Nordheimer*, Professor of the Hebrew and cognate languages, and Teacher of the German language in the Union Theological Seminary.

Dec. 15.—In Royalton, Vt., *Benjamin Parkhurst*, aged 97. He was the first settler of that town, and an inhabitant of it 78 years. He was of a family noted for longevity, his parents dying at the age of 97, his grandfather at 100, and his grandmother at 104.

Sept. 21.—Near Coffeeville, Clarke Co., Ala., in the 45th year of his age, *Mr. William M. Pendleton*, a native of Spottsylvania county, Va. The deceased was the founder of Pendleton Academy, of Coffeeville, and will long be remembered as a teacher of high classical attainments, which he succeeded in conveying to his pupils in a manner peculiarly his own. As a husband he was affectionate, as a father tender, as a stepfather kind and indulgent to a fault. His foibles (and who has none?) affected only himself, whilst his social and professional virtues commanded respect and attachment through the whole circle in which they were exerted.

Nov. 2.—In Ipswich, Ms., *Abraham Perkins*, aged 96, the oldest citizen of that place. He retained his faculties up to the time of his last sickness in a remarkable degree, and through his long life enjoyed the esteem and confidence of his friends for his many virtues and excellent qualities. During the revolutionary contest, he was in many perilous engagements, both in the army and navy, and was distinguished for courage, enterprise, and energy; and, in addition to a pension from his government, he received repeated testimonials of kindness and respect from gentlemen of distinction in different parts of the country, as well as in his own State.

Sept. 28.—At Portland, Me., *Capt. Enoch Preble*, aged 79. His father was Brigadier General Jedediah Preble, and he was the next younger and only surviving brother of Commodore Edward Preble. Capt. Preble's first voyage to sea was in 1779, his last in 1824—a period of forty-five years. He was one of the earliest members of the Portland Marine Society, having joined it in Dec. 1796. In 1810, he was elected President, which office he filled until his death, a period of 32 years. In 1825, he

was chosen President of the Nautical Society. He was a life member of the Portland Benevolent Society, and an honorary member of the Ancient Landmark Lodge. He was also one of the original members and the first Vice President of the Cumberland Agricultural Society, and mainly instrumental in its establishment. In 1812, he was chosen Representative of Portland to the Massachusetts State Legislature, and filled the same station on the succeeding year. In 1825, he was appointed Inspector of the Customs, which office he retained until 1829. In 1833, he was chosen City Marshal, and for six years, with but one intermission, received the reappointment.

Capt. Preble possessed a very observing mind, much information on a variety of subjects, and was highly esteemed by his fellow citizens.

Sept. 26.—In New York, N. Y., *Hon. Richard Riker*, late Recorder of the city, aged 69. He held this important office for nearly thirty years, and was esteemed one of the ablest juriconsults, in criminal law, that presided in the Courts. He was a gentleman of the old school, always patient, forbearing, and attentive, when on the bench, and though an active politician, he made no enemies in private life.

July 21.—In Trenton, N. J., *Gen. Zachariah Rossell*, aged 55. During the last war he was in the army on the northern lines, and rose to the rank of Major. In 1817, he was appointed Clerk of the Supreme Court of New Jersey, which office he held by four successive reappointments until his death. He was also, for many years, Adjutant-General of the militia of the State. His affability, kindness of feeling, and unbounded generosity made him greatly respected and beloved.

Oct. 14.—At Kennebunk, Me., in his 88th year, *Daniel Sewall, Esq.*, for many years Clerk of the Courts and Register of Probate in the county of York. He was born at York, March 28th, 1755, and passed his minority there on a farm and at the joiner's trade, having but few opportunities of attending school, and little instruction except from a pious mother. But he devoted all his leisure hours to mental culture, and obtained a good knowledge of the most important English branches. He had a taste for mathematical pursuits, and added to his acquirements in physical science a practical knowledge of surveying, in which business he was often engaged. He was appointed Register of Probate in 1783, and held the office till 1820. In 1822, he was appointed Postmaster at York, and remained so for about fifteen years. He was made Clerk of the Courts of Common Pleas in 1791, having been Assistant Clerk for eleven years preceding, and afterwards Recording Clerk of the S. J. Court. In these offices he continued, with a short exception in 1811, till 1820. He is yet remembered for the able performance of the duties attached to these offices. The confidence constantly reposed in his ability, of which he received so many marks, was justified by the diligent and faithful performance of every trust. He was a man of remarkable industry and punctuality, of singular fidelity, probity, and perseverance, possessed of great moral cour-

age and firmness, not unmixed, perhaps, with some of those peculiar traits that strike the present generation as belonging to the character and manners of the old Puritan. To that constancy of self-reliance, energy, and determination, which constituted such marked points in his character, he joined a firm and unwavering trust in the overruling administrations of an all wise and good Providence, which enabled him to overcome difficulties and obstacles, and carried him successfully through the course of a long, respectable, and useful life.

Oct. 28. — On his voyage home, from England, *George W. Silliman, Esq.*, of Coshocton, Ohio, counsellor at law, aged 34. At an early age he became eminent in the practice of his profession, and was much esteemed in private life.

Sept. 21. — At Dover, N. H., in his 83d year, *Hon. Jeremiah Smith*, recently of Exeter. He was born in Peterborough, N. H., and graduated at Rutgers College, N. J., in 1790. He was a representative in Congress from New Hampshire in 1791, and continued there till 1797, being one of the last survivors of the distinguished men who participated with Washington in the administration of the government. He was appointed a Judge of the U. S. Circuit Court in 1801, by John Adams, but did not serve, as the office was soon afterwards abolished by Congress. He was chosen Governor of New Hampshire in 1809, and was for several years Chief Justice of the Superior Court of the State. His extraordinary mental endowments not only remained unimpaired, but even shone forth brightest when he was near the close of his long life. Few persons have been more widely known as a statesman and jurist, or have left behind them a more enduring reputation. His acquaintance with books was extensive, and his literary taste remarkably correct and pure. He was highly esteemed, not only as a lawyer and judge, but for his eminent social qualifications, and for all the attributes of a great and good man.

Nov. 26. — In Baltimore, Md., *Hon. Robert Smith*, aged 85. During the war of the Revolution he served among the volunteers from Baltimore, and was present at the battle of Brandywine. He was afterwards elected for several years to the legislature of Maryland. When Mr. Jefferson became President, Mr. Smith was appointed Secretary of the Navy, and eight years afterwards he was transferred by Mr. Madison to the Department of State. In this office he remained but one year, and then retired to private life. He was a man of undoubted integrity and patriotism, and was much beloved in private life.

Sept. 28. — In Cambridge, Ms., aged 70, *Mrs. Frances Wentworth*, widow of the late *Hon. Asahel Stearns*.

Oct. 9. — At Middletown, Ct. *Hon. Joshua Stow*, in the 81st year of his age. Judge Stow was, for many years, postmaster at Middletown, and had been Chief Judge of Middlesex county Court, a State Senator, and had filled other public offices.

Dec. 5. — Near Somerville, N. J., *Andrew Ten Eyck*, aged 81, a revolutionary soldier.

Oct. 29. — In Oakham, Ms., *Rev. Daniel Tomlinson*, aged 83. He was born in Derby, Ct., was educated at Yale College under President Stiles, and graduated in 1781. He was ordained in Oakham, June 22, 1786, and remained 45 years as acting pastor, and 56 years as pastor of the church.

Oct. 26. — At Trimble's Furnace, Ky., *Hon. David Trimble*, aged about 60. He was born in Virginia, educated at William and Mary's College, studied law, and, when he came of age, removed to Kentucky. He was engaged in the war of 1812, serving two campaigns under Gen. Harrison. In 1817, he was chosen a member of Congress, and served without interruption till 1827, being highly esteemed for the integrity of his principles and his devotion to his public duties. After his retirement from Congress, he became engaged in agriculture and the iron manufacture, and in the latter interest he did much to develop the resources of the State.

Sept. 11. — At Washington, D. C., *Mrs. Letitia Tyler*, wife of John Tyler, President of the United States, a lady much esteemed and respected by a large circle of acquaintance.

Dec. 19. — At Mohegan, Ct., *John Uncas*, aged 89, a Mohegan Indian, the last male descendant of the celebrated chief of that name. He was interred in the royal burying-ground of the Mohegans.

Dec. 15. — At Colchester, Ct., *John R. Watrous, M. D.*, an eminent physician and surgeon, aged 91. Dr. Watrous was for a number of years a surgeon in the army during the Revolution, and the companion of the venerable Dr. Hall, of East Hartford. He often represented the town in which he lived, in the General Assembly, and was one of the four surviving representatives of the session of 1795; the Hon. John Cotton Smith, Timothy Pitkin, and Sylvester Gilbert, being now the only living members of that year's house.

Dec. 12. — At Port Kent, Essex co., N. Y., *Elkanah Watson*, aged 86. He was a native of Massachusetts. Soon after the war of the Revolution, he made a journey on horseback through what was then a wilderness, the western part of New York. Afterwards he went abroad, and remained for some years travelling in Europe. During his absence he published, in London, a volume containing an account of his pioneer trip in this country. He also wrote and published much on the subject of internal improvements. Returning from Europe, he settled in Pittsfield, Ms., and removed thence to Albany about the year 1815. Ten years afterwards, he removed again to the place upon the shore of lake Champlain, where he died. — He was an amiable and highly respected man.

Oct. — In Salem, Ms., *Thomas Barnard West*, aged 26, Principal of Beverley Academy, and a graduate of Harvard College in 1836.

Dec. 2. — While on his way to Washington, *James W. Williams*, aged about 55 years, a Representative in Congress from Maryland. He was stricken with paralysis while in his carriage, and survived the attack but



a short time. He was a native of Maryland, and was for many years a prominent member of the Legislature of that State, being for a time the speaker of the House of Delegates. In May, 1841, he was elected to Congress, and continued a member of that body till the time of his death. As a faithful public servant, a sagacious statesman, and an upright man, he commanded the confidence of his neighbors, and the esteem and respect of all who knew him.

Dec. 9.—In New York, N. Y., *Mr. Samuel Woodworth*, aged 57, well known as a poet. He was the author of a poem called "New Haven," and of the favorite song, "The old oaken bucket."

Aug. 24.—In New York, N. Y., *Benjamin Wright, Esq.*, aged 72. He was born in Weathersfield, Ct., and having educated himself as a surveyor, he removed, while yet a young man, to Fort Stanwix, N. Y. He was elected to the legislature in 1804, and again in 1807. He was appointed a member of the Canal Board in 1816, and became a director and one of the chief constructors of the Erie canal, having charge of the whole eastern section of that work. His success in the management of this business caused applications to be made to him from all parts of the United States, from Canada, and from Cuba, for aid and advice in constructing public works. He was appointed either consulting or chief engineer for a great number of railroads and canals, and was probably more active and efficient in promoting internal improvements than any individual in the country. In all the various enterprises with which he was connected, he sustained the same reputation for zeal, industry, and probity.

## 1843.

July 2.—In Andover, Ms., *John Abbot, Esq.*, aged 84, formerly of Brunswick, Me. He graduated at Harvard College in 1784. Mr. Abbot will be most favorably remembered for his long and useful services as an officer of Bowdoin College. He was the first Professor of Languages in that Institution, which office he held until 1816. Afterwards, for a number of years, he was the Treasurer of the College until 1829, when he resigned that office, and has since resided mostly in Massachusetts. His standing and capacity as a scholar and a teacher were highly respectable.

July 9.—In Cambridge, Ms., *Washington Allston*, the distinguished artist, in the 64th year of his age. He was a native of South Carolina, and graduated at Harvard College in 1800. In the following year, he embarked for Europe, and remained abroad for eight years, studying the works of the great masters, and enjoying the friendship of the most distinguished poets and painters of England and Italy. Among those with whom he lived on terms of familiar intimacy were Wordsworth, Southey, and Coleridge, each of whom enshrined in verse their affectionate remembrance of his genius and virtues. He had the instruction and friend-

ship of West, Fuseli, and Reynolds. Among his principal works were "The Dead Man restored to life by Elijah," the "Angel liberating Peter from prison," "Jacob's Dream," now in possession of the Earl of Egremont, "Elijah in the Desert," purchased by Mr. Labouchere, of the British Parliament, "The Angel Uriel in the Sun," belonging to the Marquis of Stafford, "Saul and the Witch of Endor," "Spalatro's Vision of the Bloody Hand," "Gabriel setting the Guard of the Heavenly Host," "Anne Page and Slender," "Beatrice," and other exquisite productions, held by gentlemen of Boston. During the last years of his life, Mr. Allston was engaged upon a *chef d'œuvre* called "Belshazzar's Feast," which, it is to be hoped for the honor of the arts of our country, he was permitted to finish.

"In painting, the genius of Allston was adapted to the creation of both the beautiful and the sublime, although it may be inferred from the nature of his works, that the tendencies of his mind were to subjects of stern grandeur, and of strong, deep feeling. His conceptions, taken from the highest departments of art, were always bold and original. He possessed a powerful, as well as brilliant imagination, while the execution of his pictures was marked by a rare combination of strength, freedom, and grace. As a colorist, his qualities are best described by the name applied to him by the artists of Italy, and by which alone he was known to many—that of the American Titian."

While in London, in 1813, he published a small volume of poems, which at once gave him a high rank as a poet; and the occasional pieces which he has since written have confirmed the reputation. A few years since, he also published a prose tale, called "Monaldi," a work of power and interest, showing at once his versatility as an author, his sensibility to beauty, and his capacity of execution. He was a man of pure character and strong affections, and his daily life was, in some sort, an embodiment of those visions of beauty which belong to the artist and the poet.

April 1. — At Red Hook, N. Y., *Gen. John Armstrong*, aged 84. He was a native of Pennsylvania, and served with much credit as an officer during the revolutionary war. At the close of the war, in order to obtain redress for the grievances sustained by the officers of the army, he prepared the celebrated "Newburgh Letters," and the vigor and eloquence with which they were written produced a deep sensation. Serious results might have followed, if the admirable prudence, sagacity, and patriotism of Washington had not intervened, and milder counsels prevailed. Soon after the revolutionary war, Gen. Armstrong returned to Pennsylvania, where he was made Adjutant-General of the State; and to him was entrusted the direction of the last Pennsylvania war against the Connecticut settlers of Wyoming—a duty which he discharged with considerable rigor. Returning to New York subsequently, he was sent to the Senate of the United States. On the return of Chancellor Livingston from the French embassy, General Armstrong was commissioned

minister in his place. Returning to his own country, he was called to the War Department by Mr. Madison, as the successor of Mr. Eustis. During the campaign of 1813, he visited the northern frontier in person. His flight from Washington, with Mr. Madison and his cabinet, at the sacking of 1814, gave the *coup de grace* to his official career as Secretary of War. It was charged, that the capital was lost by reason of his neglect to provide the means of defence. He was dismissed from office, and the duties of the War Department devolved upon Mr. Monroe, then Secretary of State. From that time, the General lived in retirement, generally upon his estate at Red Hook, but passing a few of his recent years in Maryland. A few years since, he published a brief history of the last war with England, a work that was written with considerable ability, although tinged too deeply with personal controversy to be of much historical value.

April 26. — In Dighton, Ms., *Hon. Hodijah Baylies*, in the 87th year of his age. Judge Baylies was educated at Harvard College, on leaving which, in 1777, he joined the American army, as aid to General Lincoln, and served through the war, during the latter part of which he was one of the aids of Washington, being recommended by his friend, General Lincoln, when the latter became Secretary at War. For many years he was Judge of Probate of the county of Bristol, being appointed in 1810, and resigning on the approach of his 80th year. He had been Collector of the U. S. Customs, from the establishment of the Federal system of Revenue until the year preceding that when he was made Judge. In every public situation, he was worthy of the confidence of the government and people whom he served; in private life, the christian character was always in alliance with that of the gentleman.

Feb. 20. — In Wooster, Ohio, *Gen. Reasin Beall*, aged 73. He was an officer in Wayne's army, with Harrison and Van Rensselaer. He was formerly in Congress, and had occupied various public stations in Ohio.

June 4. — At Perth Amboy, N. J., *Andrew Bell*, aged 86, for many years Surveyor General to the proprietors of East New Jersey, distinguished for urbanity of manners and integrity, and greatly regretted by a large circle of friends.

May 29. — In Burlington, N. J., *Thomas Booth*, aged 40, of the society of Friends, distinguished for zeal and devotedness in benevolent enterprises, especially in that of temperance, eminently useful in society, and greatly beloved by many friends.

March 27. — In Morristown, N. J., *John R. Brown*, aged 45, a lawyer of eminent abilities.

June 15. — In Washington, D. C., *Hon. Barker Burnell*, member of Congress from Massachusetts, aged 45. A native, and all his life an inhabitant, of that hardy island, (Nantucket,) where yet linger in perhaps greater vigor than any where else the virtues of the New England race, Mr. Burnell was an admirable specimen of that remarkable lineage. When

only 22 years of age, he was chosen a member of the House of Representatives in his native Commonwealth. A few years later, he passed into the Senatorial body, where, in spite of his youth, his excellent purposes and soundness of judgment soon made him a leading member. He sat also in the Convention which framed the present Constitution of Massachusetts, took an active and influential part in the Harrisburg Convention and the great civil revolution of 1840, and was afterwards returned a member of Congress, to which he had been again elected. In the last-named body, his speeches were not frequent, but always won him the praise of sense, usefulness, and knowledge of his subject, rather than the reputation of mere rhetoric.

June 2. — In Washington, D. C., *John Cary*, a colored man, in the 114th year of his age. He was born in Westmoreland Co., Va., in August, 1729, two years and a half before the birth of Gen. Washington, and in the same county. He accompanied Washington as his personal servant in the old French war, and was with him at the time of Braddock's defeat. In the war of the Revolution, also, John followed his old commander to the camp and the field, and was with him till the termination of hostilities. After the war, he resided for several years in Westmoreland Co., and, for the last twenty-eight years of his life, at Washington, where he was a member of the First Baptist Church.

April 21. — In Saugus, Ms., *Dr. Abijah Cheever*, aged 84. He graduated at Harvard College in 1779, and, after acquiring a medical education under the late Dr. John Warren, served several years in the medical department in the Army and Navy during the Revolution. After the peace, he was established in Boston, and soon acquired extensive practice and high reputation for professional skill. He possessed a vigorous and cultivated mind, quick perception, and sound judgment.

Feb. 15. — At Tinmouth, Vt., *Hon. Nathaniel Chipman, LL. D.*, Professor of Law in Middlebury College, aged 90. He was born in Salisbury, Ct., in 1752, and graduated at Yale College in 1777. He soon removed to Vermont, where, in Oct., 1786, he was elected a Judge of the Supreme Court, and, in Oct., 1789, he was chosen Chief Justice. He was one of the Commissioners in behalf of Vermont, appointed in 1789 to adjust differences with New York. In 1790, he was appointed a Commissioner to negotiate the admission of Vermont into the Union. In 1791, he was appointed by Washington, Judge of the United States District Court for the district of Vermont. During his incumbency he prepared and published two books — one, Reports of Judicial Decisions in our Courts, and Dissertations upon various branches of our law, entitled "Reports and Dissertations," the other a duodecimo volume, entitled "Principles of Government." The latter of these was revised and re-published, with additions, in an octavo form of 333 pages, in 1833. He was again chosen Chief Justice of the Supreme Court in 1796, and at the same time was appointed one of a committee to revise the statute laws. The duties of

this committee were mostly discharged by Judge C. alone, the result of which was the laws of 1797, which is now often spoken of by the ablest lawyers, as being the best compilation Vermont ever possessed. In 1797, he was elected U. S. Senator, and served the State in that capacity during the six succeeding years. In October, 1813, he was elected Chief Justice of the Supreme Court, and continued in that office during the next two years. In 1815, he was chosen Professor of Law in Middlebury College. He continued to hold this trust at the time of his death, though for several past years the professorship has been merely a nominal one. Judge Chipman's attainments in literature and science, his legal acquirements, and his distinguished reputation as a jurist and statesman, are well known. His works, his private and professional reputation, the many and important offices he held, the duties of which he discharged with faithfulness and integrity, all bear ample testimony to his ability and his worth.

June 12. — At St. Louis, Mo., *Henry R. Cleveland, Esq.*, of Boston, Ms., aged 34. He graduated at Harvard College in 1827. "He was an elegant and graceful writer, and our periodical literature is indebted to him for various contributions of much excellence, both of style and thought. He published, in Sparks's American Biography, a well-written life of Henry Hudson. He was the editor of an approved and popular edition of Sallust, and the author of a little volume on classical studies, full of excellent suggestions on this important topic, and written in a flowing, easy, and scholar-like style. He was a good Latin scholar — a very good one, according to our standard — and was as well acquainted with Greek as most of our scholars. He was familiar with the languages of modern Europe, and was making daily progress in their literatures. Of late years, much of his time and thoughts had been given to preparation for a work of literary history, to which, had his life been spared, many of the best years of his manhood would probably have been devoted. In the common affairs of life his judgment was sound and discriminating, and his estimate of men was rarely wrong, though ever kindly and tolerant. But to his friends he was chiefly endeared by his moral qualities, the warmth of his affections, and the beauty and purity of his character."

March 10. — At Camden, N. J., *Richard M. Cooper*, aged 76, a highly respected man, and, from 1829 to 1833, a representative of the State of New Jersey in the Congress of the United States.

June 20. — At New Haven, Ct., *Henry Daggett, Esq.*, in the 86th year of his age. Mr. Daggett was one of the oldest and most venerable citizens of New Haven. He was a son of Naphthalin Daggett, President of Yale College during the revolutionary war, and was an officer in the revolutionary army, and a pensioner. He was the oldest surviving graduate of Yale College.

April 6. — Near New Madrid, Mo., *Dr. Robert W. Dawson*, in the 52d year of his age. He was born in Montgomery county, Maryland, and

emigrated to Missouri in the year 1812, when he engaged in the practice of his profession. In 1815, he was elected to the Territorial Legislature. In 1820, he was chosen a representative to the Convention assembled for the formation of the State Constitution. In 1822, he was elected to the State Senate, to which office he was successively elected until 1836.

July 22.—At Boundbrook, N. J., *Jacob DeGroot*, aged 94, for many years a Judge of the Court of Common Pleas for the county of Somerset; and on the 10th of July, *Rachel DeGroot*, his wife. They had been married 69 years. Mr. DeGroot was born, and during his long life resided, on the farm where he died, and which his father owned before him.

Jan. 17.—In Weston, Ms., *Samuel G. Derby, Esq.*, formerly a merchant at Salem, and a graduate in Harvard College in 1785, aged 76 years.

Feb. 3.—In Poland, Me., *Hon. Josiah Dunn*, late Sheriff, for many years Representative from P. in the Massachusetts Legislature, and for several years Senator and Counsellor from Oxford county, aged about 65.

June 25.—In Chester, Pa., *Hon. John Edwards*, who had faithfully served his constituents in the two last Congresses of the United States. "He was a good citizen, husband, and father, a man of strong mind and fine feelings, and one who stood deservedly high with the people of his country."

June 27.—At Portland, Me., *Brig. Gen. Abraham Eustis*, of the U. S. Army, aged 57. Gen. Eustis was bred to the law, and was admitted to the bar, having pursued his legal studies in the office of the late Chief Justice Parker, of whom he was a relative. But he entered the army at an early period. In a career of 35 years, he uniformly exhibited vigor in command, combined with high intelligence and impartiality, and in all relations, public and private, the most spotless integrity.

Feb. 1.—At Greencastle, Pa., *David Fullerton*, aged 72. He had been for several years a member of the State Legislature, and at one time a representative in Congress. His public duties were always ably and conscientiously discharged.

May 17.—In Washington, D. C., *Peter W. Gallaudet, Esq.*, aged 88. Early in life he was a soldier in the army, and shared in the battle of Trenton, and other distinguished actions of the Revolution. He was honored with the special confidence of Washington. His untiring exertion in striving to establish the Washington Manual Labor School is a proof of his noble benevolence; and the Howard Institution can bear witness how faithfully he devoted himself to the cause of charity. His whole life was a beautiful and instructive commentary upon christian duties.

May.—In Elmwood, Essex Co., Va., *Hon. James Mercer Garnett*, aged 62. Mr. Garnett served various times in the Legislature of his State, and was a member of the House of Representatives of the Congress of the United States for two sessions, from 1805 to 1809. He was, also, a member of the Convention which assembled at Richmond in 1829, to revise the Constitution of Virginia. But Mr. Garnett's greenest laurels

were won in the cause of education and agriculture, to which he was ardently devoted to the close of his life. For more than twenty years, he presided over the Agricultural Society of Fredericksburg, always assiduous in discharge of his duty, and never flagging, even when his fellow-laborers were in despair. His addresses were characterized by a zealous devotion to the interests, morals, education, and the improvement in agriculture, not of the people of Virginia only, but of the whole Union. He was happy in his powers of conversation, cheerful amidst adversity and affliction, and died a sincere Christian.

Aug. 2.—In Dorchester, Ms., *Rev. Francis W. P. Greenwood, D. D.*, Pastor of King's Chapel in Boston, Ms. Dr. Greenwood was about fifty years of age, having graduated at Harvard College in 1814. He was first settled in the ministry at Baltimore, Md., whence he removed to Boston about twenty years ago. He was a sufferer from ill health for a long period, and was thus prevented from accomplishing as much as he would otherwise have done in the walks of theology, general literature, and science. But he attained a high reputation as one of the most elegant and graceful of American writers, an accomplished naturalist, though his scientific studies were pursued only as a relaxation from professional duties, and an able and eloquent divine. His published sermons will long be admired as models of elegant composition, soundness and catholicity of judgment, and warm and unaffected piety. His talents, his piety, his patient devotion to the duties of his station, and his simplicity and purity of character attracted to him a numerous and affectionate flock, and a large circle of friends who deeply mourn his departure.

Feb. 15.—In Boston, Ms., very suddenly, the *Rt. Rev. Alexander V. Griswold, D. D.*, of the Episcopal church, Bishop of the Eastern Diocese, aged 76. His sudden death is deeply lamented by a numerous body of Christians, to whom he had long been an object of respect and veneration.

June 1.—In Oxford, Warren Co., N. J., *Dr. Jabez Gwinup*, aged 72, for 50 years an eminent and successful practitioner of medicine, of strong and vigorous intellect, and a useful and enterprising citizen.

June 7.—At Vicksburg, Miss., *Dr. James Hagan*. Dr. H. was a native of Ireland, and was about 38 years old. He resided for some time in Essex County, Virginia, where he taught school and practised in his profession. He subsequently removed to Washington City, and became one of the Reporters for the Telegraph. He then removed to Philadelphia; and when it was contemplated to erect the Washington Monument, Dr. H. was appointed agent to visit the West and South, to obtain subscriptions. After discharging this duty with fidelity, he became a citizen of Vicksburg, and established a paper in company with Dr. Green. For some time, he had conducted the paper, the Vicksburg Sentinel, in his own name. He was a ready writer, and a powerful partisan; but his usefulness was much impaired by the violence of his language. Like

many others, he mistook the duties of an editor of a public newspaper; and, by erecting the *Sentinel* into a tribunal, in which to arraign and try private character, he invaded the legitimate jurisdiction of the courts of justice. As it was predicted by his friends, this course brought down upon him a host of enemies, and, ultimately, although he had escaped unscathed in several personal rencounters, a violent death. He fell in a fight, in the streets, at Vicksburg, with D. W. Adams, a member of the same political party with Dr. H., who had been attacked in the *Sentinel*.

July 27. — In Peru, Illinois, *Frederic Hall, M. D., LL. D.*, of Washington, aged 64. Professor H. has been known for many years, as one of our most eminent and successful chemists, mineralogists, and geologists. He was born in Vermont, graduated in 1803 at Dartmouth College, was subsequently Professor of Natural Philosophy in Middlebury College, afterwards President of Mount Hope College, near Baltimore, and at the time of his death was Professor of Chemistry in the Medical Department of the Columbia College in Washington.

July 7. — In Portland, Me., *John Holmes*, aged about 70. He was of Massachusetts origin, having been born on Cape Cod; but while quite a young man, he removed to Maine. While yet in early life, he was a member of the Massachusetts Legislature for several years, and then rapidly rose to distinction by his eloquence, his playful and occasionally rough wit, and his powers of debate. When Maine became a State, he was a member of the Convention to form the Constitution, and acted as Chairman of the Committee to draft it. Mr. Holmes was the Representative to Congress from York District, for several terms; was the first U. S. Senator sent from Maine, after the separation; was a member of that body about twelve years, and was afterwards a member of the Legislature of Maine, one or two sessions. He was appointed United States District Attorney for Maine, by General Harrison, which office he held at the time of his death. He had been a member of the bar over forty years, and ever enjoyed an elevated and enviable reputation in his profession.

Aug. 11. — In Newton, Ms., *Rev. Jonathan Homer, D. D.*, aged 84, a graduate of Harvard College in 1777, a pious and learned divine, and a highly respected man.

Feb. 13. — At Philadelphia, Pa., *Commodore Isaac Hull*, of the U. S. Navy, aged 68. He received an appointment as Lieutenant in the Navy, in 1798, and had thus been in the service of his country for forty-five years. He first distinguished himself in 1800, during the short war with France, by cutting out the French letter of marque *Sandwich*, then lying in the harbor of Port au Platte, in St. Domingo. He afterwards commanded the schooner *Enterprise*, of 12 guns, attached to the squadron under Com. Morris, then off the harbor of Tripoli. In this vessel, he aided Capt. Rodgers, in the *John Adams*, in capturing a large corsair, mounting 22 guns. During the Tripolitan war, he was promoted to the



rank of Master-Commandant, and, in 1806, he was made a Captain. His success during the late war with England, while he commanded the frigate *Constitution*, first, in escaping, after a long chase, from a British squadron, and next in capturing the English frigate *Guerrière*, is familiar to all who are acquainted with American naval history. He died full of years and of honors, leaving the noble reputation of having performed important services for his country.

March 12. — In Gwinnett Co., Ga., *Mr. Littleton Hunt*, aged 107 years. He was a soldier of the revolutionary war, was present at the battle of Guilford, performed about 12 months' duty at Savannah, and was severely wounded at the battle of Eutaw Springs.

April 14. — In Worcester, Ms., *Eleazer James, Esq.*, aged 89, a graduate of Harvard University, of the class of 1778.

Feb. 20. — In New York, N. Y., *Peter Augustus Jay, Esq.*, son of the late John Jay, a distinguished and virtuous citizen. He had been a member of the Legislature, Recorder of the city, a member of the convention for amending the constitution, and for two years was President of the N. Y. Historical Society. His death was deeply and universally lamented.

Jan. 11. — In Baltimore, Md., *Francis S. Key, Esq.*, late District Attorney of the United States, a distinguished and eloquent lawyer, and a much respected man. He was the author of the national song, called "The Star-spangled Banner."

May 13. — In Boston, Ms., *Josiah Knapp, Esq.*, in the 91st year of his age. Mr. Knapp was born in 1753, and was, of course, in the maturity of manhood, at the commencement of the Revolution; in its leading events he took a deep interest, and he contributed freely, not only his means, but his personal services, for the attainment of its great objects. Naturally of a retiring disposition, his ambition was to be useful rather than conspicuous; but in devotion to the interests of his country, and cheerful endurance of sacrifices in its behalf, none surpassed him.

May 30. — In Alexandria, D. C., *Edmund I. Lee, Esq.*, aged 71. He was several times chosen Mayor of the city, and held for many years the office of Clerk of U. S. District Court. In all the relations of life, he was highly respected.

June 20. — At Boston, Ms., *Hon. Hugh S. Legare*, Attorney-General of the United States, and acting Secretary of State, aged about 50. He was for some time Attorney-General of South Carolina, and afterwards Chargé d' Affaires of the United States at Brussels. He was more particularly known at the South, and especially in South Carolina, his native State, where most of his days were spent. But his eminent acquirements as a scholar, his fine taste as a writer, and his learning and eloquence as a lawyer and an advocate, were known and appreciated throughout the Union. For a few years, he occupied a seat in Congress; and experience showed that he was amply fitted for the highest trusts, and adorned every station which he was called to fill.

June 18.—At Port Gibson, Mississippi, *Israel Loring*, a native of Sunbury, Mass. Mr. L. removed to Marietta, Ohio, in 1787, where he for some time acted as Commissary in the Army, under Gen. Wayne. In 1803, he removed to Claiborne County, Miss., then just formed, and erected the first frame-house in the town of Port Gibson, and has since resided there. He was the 3d Grand-Master of Free-Masons in Mississippi, and was highly respected for his virtues.

July 8.—In Charleston, S. C., *Hon. Thomas Lowndes*, in the 78th year of his age. Mr. Lowndes was, in the year 1800, chosen from his Congressional district, a Representative in Congress, where he distinguished himself by his attention to business and eloquence in debate. He was the eldest son of Rawlins Lowndes, the President of South Carolina from 1778 to 1780.

March 3.—In Westport, Ms., *Wesson Macomber*, aged 93 years and 10 months. He left 11 children, 51 grand-children, and 28 great grand-children.

Feb. 14.—In Augusta, Ga., *Mr. John Martin*, aged 105. Mr. M.'s parents came to this country with a party of Saltzburghers, who emigrated under the direction of Oglethorpe, and finally removed to the State of South Carolina, on the Congaree river, in a settlement called the Dutch Fork. He lost both of his parents at an early age, and, with an only brother, was thrown upon the world for support. He joined the Colonial troops, and served in the Cherokee war of 1755. In an action during the campaign, he received a severe wound in the head from an Indian tomahawk. About the same time, he also visited the present site of Augusta, when the native forest covered the entire extent now occupied by the city. At the breaking out of the Revolution, Mr. Martin joined the revolutionary army, and served through the entire war. He was with Gen. Lincoln's army, at the capitulation of Charleston, at which time he was taken prisoner, but was exchanged in time to be present at the surrender of Yorktown. After the surrender of Cornwallis, he came back to Augusta, where he remained till the day of his death.

Jan. 4.—In New York, N. Y., *Stevens Thompson Mason*, late Governor of Michigan, aged 31. Mr. Mason was a native of Virginia, and was the only son of Gen. John Thomson Mason, of Kentucky. At the early age of nineteen, Mr. Mason was appointed Secretary of the Territorial Government of Michigan, and acted as Governor of the Territory, until it was admitted into the Union as a sovereign State, when he was twice elected to the gubernatorial chair, by the voice of the people.

March 27.—In Cincinnati, Ohio, *Hon. Samuel McRoberts*, aged about 40, a Senator in Congress from Illinois.

Jan. 29.—At New Haven, Ct., *Hon. Isaac Mills*, aged about 75. He was a native of Huntington, Ct., and graduated at Yale College, in 1786. He had been for many years a Judge of the Court for the County of New Haven, and Judge of Probate. He was an active and useful man.

Feb. 24. — In Carroll, N. Y., *Mr. John Owens*, aged 107, a revolutionary pensioner, and a soldier of the old French war.

March 2. — In Lancaster, Ms., *Rev. Asa Packard*, aged 84. He served as a soldier during the war of the Revolution, "and bore about with him in his body a British bullet, for 60 or 70 years."

Aug. — In Salem, Ms., *Hon. Benjamin Pickman*, aged 80. He entered Harvard College in 1780, and in the summer of 1784, having left Cambridge with a high reputation for scholarship, he went abroad, and passed one year at Dijon, in France. On his return home, he read law in the office of the late Chief Justice Parsons, and was admitted to practice in the Common Pleas. This, however, was not the profession of his choice. For the greater part of a long life, he devoted himself to mercantile pursuits. In 1800, he was chosen to the State Legislature, and, a year or two afterwards, a Senator from Essex County. In 1807, he became a member of the Executive Council. In 1809, he entered Congress, declining to serve more than one term. In 1820, he was a member of the Convention for revising the State Constitution. He refused the nomination of his party, for the office of Governor. He also filled several other offices of trust and honor. In his politics, he was a Federalist of the old school, and his religious influence was given to the Unitarian form of Christianity. He was most kind and liberal, both of time and money, in promoting objects of public charity; and of his private kindness, let the suffering and poor speak.

June 2. — In Middletown, Conn., *Rev. William Plumb*, a chaplain of the revolutionary army, and the oldest graduate of Yale College, aged 94.

May. — At Fort Wayne, Ind., *William Polke*, in the 69th year of his age. Mr Polke was a native of Virginia, whence, with his father's family, he emigrated to Kentucky, in 1782. Soon afterwards, he was captured by a party of Indians, and carried to Detroit, where he remained in captivity for a period of about twelve months. At the age of nineteen, he enlisted in Gen. Wayne's Legion. In 1808, he removed from Kentucky, and settled in Knox County, Indiana Territory. In 1811, he was slightly wounded, at the battle of Tippecanoe. He was a member of the Convention which formed the Constitution of Indiana; and, at different periods, he discharged the duties of various offices of trust and honor, under the State Government. At the time of his death, he held the office of Register of the U. S. Land Office, at Fort Wayne; and he was justly beloved and esteemed by a very large circle of relatives and acquaintances.

March 3. — Near Constantinople, Turkey, *Commodore David Porter*, late of the United States Navy, and Minister Resident of the United States in Turkey. "Commodore Porter has stood conspicuous among the distinguished men who have done honor to our country. His devoted patriotism, his consummate skill, and his indomitable courage, displayed on many memorable occasions, have won for him the gratitude of his coun-

try, and the admiration of the world." He commanded the frigate *Essex*, during the late war with England, and made a remarkable and quite successful cruise in the Pacific Ocean, but was finally captured, after a well-fought action, by the British frigate *Phœbe*, and sloop of war *Cherub*. He published an interesting narrative of this cruise, in two volumes, 8vo.

Feb. 13.—In Augusta Co., Va., *Gen. Robert Porterfield*, aged 90. He served as a captain through nearly the whole of the revolutionary war, and commanded a brigade of militia, during the last war with England. He was a sincere patriot, a gallant soldier, and an upright man, highly esteemed and beloved by all his acquaintances.

May 4.—In Smithfield, Montgomery Co., Va., in the 69th year of his age, *Col. James P. Preston*, formerly Governor of Virginia. In the war of 1812, he commanded a regiment, and at the battle of Chrystler's field, received a wound in his thigh which maimed him for life. He was afterwards elected Governor, and subsequently held the office of Postmaster at Richmond for many years. He enjoyed great personal popularity, and the affection of a wide circle of friends.

March 17.—In Charleston, S. C., *John Julius Pringle, Esq.*, aged 90, an eminent and virtuous citizen. He was Speaker of the House of Representatives of the State, from 1787 to 1789, filled the office of Attorney-General, from 1792 to 1801, and assisted in the work of forming the State Constitution.

April 17.—In New Brunswick, N. J., *Rev. Alexander Proudfit, D. D.*, aged 75. He was formerly pastor of the Presbyterian church in Salem, Washington Co., and had been for many years the agent of the Colonization Society.

Jan. 7.—In Bordentown, N. J., *Joseph Reed*, aged 95, a revolutionary soldier. His father was one of the first settlers of that part of the country, about the year 1700.

Aug. 2.—In Auburn, N. Y., *James Richards, D. D.*, Professor of Theology in the Auburn Theological Seminary. Dr. Richards was born at New Canaan, Conn., in October, 1766, and was consequently in the 77th year of his age. He was educated at Yale College, entered the ministry at the age of 27, and was first settled as pastor of the First Presbyterian Church in Morristown, about the year 1793. In June, 1809, he accepted the charge of the first and then the only Presbyterian church in Newark, N. J., succeeding the late Dr. Griffin, who had accepted a Professorship at Andover. Here Dr. Richards soon acquired a high degree of influence, which was widely felt through all the interests and departments of society.

April 30.—At Philadelphia, Penn., in the 75th year of his age, *Mr. Jacob Ridgeway*, regarded as the wealthiest inhabitant of the city. He left a property, estimated at six millions of dollars.

March 26.—In Lawrence Co., Ind., *Robert Richford Roberts*, a venerable Bishop of the Methodist Episcopal Church. Mr. Roberts was born in

junior year in the college, at the time of Burgoyne's expedition from Canada, he enlisted as a volunteer in the army, and served for several months in a company under the command of his father. After graduating, he studied law, and was admitted to the bar in 1781. Then he engaged in the business of instruction, and published some elementary books for the use of schools, which were used as manuals, for a long period, throughout the country. Afterwards, he became a political writer, and his "Sketches of American Policy," published in 1784, his writings in favor of the adoption of the Federal Constitution, in defence of Washington's proclamation of neutrality, and of the treaty negotiated with Great Britain by Mr. Jay, had great influence on public opinion, and were highly appreciated. Various other topics, during the same period, were publicly discussed by him. In 1793, he commenced a daily paper in New York, which is now called the *Commercial Advertiser*.

Mr. Webster removed to New Haven in 1798, and in 1807, entered on the great business of his life, the compiling of a new and complete Dictionary of the English Language. This work he prosecuted amidst various difficulties and discouragements, and published the first edition of it in 1828. In the preparation of this Dictionary, he was led to investigate to a great extent the subject of etymology, and the relations of various languages to each other; and the learning and ability with which he prosecuted this abstruse and difficult inquiry, were generally acknowledged, both at home and abroad, and have laid the foundation of a widely spread and enduring reputation. His other publications are too numerous to be mentioned here.

For the last forty years of his life, though he had been long before a diligent student, he devoted his time to literary pursuits, with an ardor rarely seen in any country, and especially in this. His study was his home; his books and pen, his constant companions; and his knowledge, to the last, was constantly on the increase. When such a man is taken from life, "much learning dieth with him."

March 17.—In Groton, Ms., *Rev. George W. Wells*, aged 38, pastor of the first Congregational church in that town. He was a graduate of Harvard College, of the class of 1823.

Sept. 7.—In Salem, Ms., *Hon. Nathaniel West*, of Indianapolis, Indiana, aged 55. Mr. West was a native of Salem, where his father still lives, at an advanced age. He was a graduate of Harvard University, of the class of 1807. He was one of the Commissioners for settling the claims under the treaty with Naples. In 1835, he removed his family to Indiana, where he has since been extensively engaged in agricultural and manufacturing pursuits, and been placed in several offices of trust and dignity.

June 13.—At Leipsic, in Germany, *Charles Stearns Wheeler*, of Massachusetts, aged about 25. He graduated at Harvard College in 1837, and was subsequently connected with that institution, as an instructor, for several years, where he showed himself to be a faithful officer and a good

scholar. He published an edition of Herodotus, the notes to which displayed much learning and taste. He left this country in 1841, in order to pursue his studies in Germany, with the intention of returning and establishing himself here in the Christian ministry. He will long be remembered by many friends for his remarkable purity of character, sweetness of temper, and the warmth of his affections.

Jan. 19. — In Richmond, Va., *Thomas W. White*, aged 55, editor and proprietor of the "Southern Literary Messenger."

Feb. 3. — In Quincy, Ms., *Rev. Peter Whitney*, aged 73. He graduated at Harvard College in 1791, and was ordained in Quincy in 1800. He was an exemplary and beloved clergyman, and much esteemed by all who knew him.

Jan. 7. — In Stratham, N. H., *Madame Wingate*, widow of the late Hon. Payne Wingate, aged 100 years and 8 months.

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## CHRONICLE OF EVENTS.

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1842.

July 20. — The Chinese city, Chin-Keang-foo, was captured by the British forces, under Sir H. Pottinger, with the loss of about 160 men killed and wounded. The Chinese lost more than 1,000 men.

Aug. 29. — A treaty of peace between China and Great Britain was concluded, near the city of Nankin. The Chinese agreed to pay 21 millions of dollars, to open five of their principal ports to British commerce, and to cede the island of Hong-Kong in perpetuity to the English government.

Sept. 11. — A Mexican army, 1,300 strong, under Gen. Adrian Woll, invaded Texas, and took possession of San Antonio, where they remained about two weeks, and then retreated.

Sept. 13. — An Affghan army, under Akbar Khan, 13,000 strong, was entirely defeated by the British army, commanded by Gen. Pollock, at Tezeen, and, three days afterwards, the city of Cabul was occupied by the English forces.

Sept. 18. — John C. Colt, under sentence of death in New York for the murder of Mr. Adams, killed himself in prison, on the day appointed for his execution.

Sept. 23. — A great fire took place in Liverpool, England, in which nearly 20 warehouses, as many dwelling-houses, and property amounting to half a million sterling, were destroyed. About 20 persons were killed by the falling of the walls.

Oct. 1. — The Governor-General of British India issued a proclamation, announcing the close of the war in Afghanistan, by the capture of Ghuznee and Cabul, the release of the English prisoners, and the intended withdrawal of the British troops from the country of the Affghans.

Oct. 12. — A fire broke out in Portland, Me., which destroyed several valuable dwelling-houses and other buildings.

Oct. 13. — The steamboat *Eliza*, on her passage from St. Louis to New Orleans, when about two miles below the mouth of the Ohio, struck a snag, and soon sunk, by which accident 30 or 40 persons lost their lives.

Oct. 14. — A celebration took place in New York, on account of the completion of the Croton Water Works. More than 15,000 persons walked in the procession.

Oct. 19. — The town of Monterey, in California, was captured by the U. S. squadron under Com. T. Ap C. Jones, under the belief that war existed between Mexico and the United States. After two or three days, it was restored to the Mexicans.

Oct. 2. — The U. S. sloop-of-war *Concord* was lost on the rocks in the Mozambique Channel. Capt. Boerum, purser Hart, and one seaman, were drowned by the swamping of a small boat.

Oct. 24. — A great storm of wind and rain took place in the island of Madeira. It was most severe at Funchal, the capital, where about 200 houses were swept away, and several vessels wrecked.

Nov. 15. — An insurrection took place in Barcelona, Spain, instigated by the partisans of the late Regent, Queen Christina. A battle took place in the streets, in which about 500 men were killed. The insurgents gained possession of the city and the citadel.

Nov. 19. — A heavy gale of wind caused much damage in the harbors of Dunkirk and Buffalo, and on other parts of Lake Erie. The pier at Dunkirk was destroyed, about 20 vessels were driven on shore, and some lives were lost. Two steamers were wrecked on Lake Ontario.

Nov. 22. — A war existing between Mexico and Yucatan, a battle was fought near Campeachy by the forces of the two countries. The result was indecisive, nearly 200 being killed on each side.

Nov. 30. — A violent storm of wind and rain did much injury in Boston harbor, and along the adjacent coast. Many vessels were driven from their moorings, some of smaller size were sunk, and several ships were injured.

Dec. 1. — A conspiracy to murder the officers, obtain possession of the vessel, and convert her into a pirate, was discovered on board the U. S. brig *Somers*, of 10 guns, commanded by A. S. Mackenzie. The ringleaders, Philip Spencer, a midshipman, Samuel Cromwell, a boatswain's

mate, and Elijah H Small, a common seaman, were hanged at the yard-arm, it being deemed unsafe, on account of the mutinous disposition of the crew, to attempt to bring them into port.

Dec. 6. — A battle was fought between the forces of Monte Video and Buenos Ayres, in which the former, commanded by Riviera, were defeated, with the loss of 1,500 men.

Dec. 7. — A great riot broke out in Canton, China, directed principally against the English residents. Three of the foreign factories were plundered and burnt, and specie to the amount of \$350,000 carried off by the rioters.

Dec. 22. — A body of troops from Texas, about 250 strong, commanded by Colonels Fisher and Green, who had invaded Mexico, were defeated at Mier, by the Mexicans, under General Ampudia, and compelled to surrender as prisoners of war.

Dec. 29. — A fire broke out in Water street, New York, by which three large buildings were consumed, several others injured, and property to the amount of \$200,000 destroyed.

## 1843.

Jan. 4. — A slight shock of an earthquake took place at Cincinnati, Ohio, which was felt also in several other cities in different parts of the Mississippi Valley.

Jan. 9. — A destructive fire occurred at Port au Prince, the capital of St. Domingo. In less than three hours, 12 squares were burnt over, about 600 buildings being destroyed, and a loss incurred, that was estimated at four millions of dollars.

Jan. 10. — Mr. Drummond, private secretary of Sir Robert Peel, was assassinated in the day-time, in the vicinity of Charing Cross, by Daniel McNaughton, a Scotchman.

Jan. 11. — A serious riot took place at Philadelphia, in consequence of a turn-out by the weavers. In attempting to disperse the mob, the sheriff and several other persons were seriously injured; and several companies of the military were obliged to appear under arms, before the disturbances were quelled.

Jan. 13. — A great hurricane occurred on the coasts of England and France, by which it was computed that about 180 vessels were wrecked, and 430 persons lost their lives.

Jan. 20. — The Court of Inquiry, appointed to inquire into the circumstances connected with the attempted mutiny on board the U. S. brig Somers, made their report, fully approving of the conduct of Commander Mackenzie and his officers.

Jan. 26. — An insurrection took place in Hayti, in the neighborhood of Aux Cayes, which was soon captured by several thousand insurgents.



A provisional government was established by them, with General Herard at its head, and most of the regular troops joining their party, the old government was abolished, and President Boyer obliged to fly from the island.

Jan. 27. — The House of Representatives in Congress declared, by a vote of 193 to 18, that the plan for an Exchequer, presented by the Secretary of the Treasury, and recommended by the President, ought not to be adopted.

Feb. 1. — A great flood was caused on Red River, Arkansas, by the melting of snow in the mountains. Much property was swept away, and many lives were lost.

Feb. 8. — A severe shock of an earthquake took place among the windward islands in the West Indies, by which the town of Point Petre, Guadalupe, was wholly destroyed; and several thousand persons lost their lives. Much injury was done in several other islands.

Feb. 10. — A young man in Philadelphia, named Hutchinson Heberton, who was accused of seducing a young lady of that city, was pursued by her brother, Singleton Mercer, and shot dead, just as he was leaving a ferry-boat, on which he had embarked for the purpose of leaving the place, and secreting himself.

Feb. 17. — A battle was fought, in British India, between 2,800 British troops, commanded by Sir Charles Napier, and 22,000 Belooches. The latter were entirely defeated, with the loss of 5,000 men.

Feb. 17. — A great slide of earth took place from a hill called Mount Ida, in Troy, N. Y., by which nine houses were carried away, 18 persons killed, and many others wounded.

Feb. 25. — A fatal accident occurred at Cincinnati, Ohio. A large building, used for packing pork, having taken fire, the interior became filled with smoke and inflammable gas, and an explosion suddenly took place, which threw down the whole building, and 8 persons were killed, and about 20 wounded.

Feb. 25. — Lord George Paulet, commanding H. B. M. frigate Carysfort, raised the British flag at the Sandwich Islands, having compelled the king and principal chiefs to make a provisional cession of the islands to the English government, which they did under protest.

March 15. — A great fire took place in Valparaiso, Chili, by which damage was done to the amount of more than a million and a half of dollars.

March 16. — A great storm of rain and snow prevailed along the Atlantic coast of the United States, by which many vessels were lost, and much damage done in the interior of the country.

March 17. — As the steamboat Cutter was leaving the wharf at Pittsburgh, Pa., the flue of the boiler collapsed, and three persons were killed, and 8 or 10 wounded.

March 20. — A man, named Charles G. Corliss, was shot dead in a

street near Broadway, in the city of New York, about 7 o'clock in the evening, by a woman, who escaped without being recognized.

March 21. — Herard, the general of the successful insurgents in Hayti, made a triumphal entry into Port-au-Prince, and the new government was established under his auspices.

March 27. — The slaves on two estates in Cuba made an insurrection, which was soon suppressed by the soldiers, about 300 of the negroes being killed.

April 8. — A disgraceful affray took place in the Pennsylvania Legislature, at Harrisburgh. Mr. Bratton, the publisher of a newspaper which contained an article reflecting severely on the conduct of Mr. McGowan, member from Moyamensing, was attacked by the latter on the floor of the House, in presence of all the members, and stabbed in the shoulder with a dirk-knife. The resistance of the bone saved Bratton's life, as the dirk was bent nearly double by the force of the blow. To escape being expelled the House, McGowan resigned.

April 18. — A continued rain and the melting of snow caused a great freshet, which did much damage on the Connecticut, Hudson, and Potomac rivers, and an extensive breach was made in the Erie Canal at Tonnawanda.

April 18. — A great fire took place in Newbern, N. C., by which more than 100 buildings were destroyed.

April 19. — As the new steamer Harry of the West was on her way from New Orleans to St. Louis, two flues of the boiler collapsed, by which accident five or six persons were killed, and about as many badly scalded.

April 25. — A Royal Princess was born in England, being the third child of the present Queen.

April 30. — A large portion of the town of Wilmington, N. C., was consumed by fire, about 200 buildings being destroyed.

May 2. — At Port Colden, New Jersey, a whole family, consisting of Mr. John B. Parke, his brother-in-law, and wife, and two children, were murdered in the night by some robbers, who broke into the house, and rifled it for plunder.

May 25. — A fire broke out in Tallahassee, Florida, which consumed the greater part of the city, about 250 buildings being destroyed.

June. — Insurrectionary movements took place in Spain, pervading all Catalonia, and the city of Valencia, and obliging the Regent, Espartero, to take the field in person against the insurgents.

June 15. — President Houston issued a proclamation, declaring an armistice between Mexico and Texas, to continue during the negotiation of the two countries for peace.

June 15. — Mr. Charles Lincoln, warden of the State Prison in Charlestown, Mass., was murdered by one of the convicts in that institution who stabbed him from behind in the neck with a sharp knife.

June 17. — The completion of the Bunker Hill Monument was celebrated by a procession and an oration delivered on the ground by the Hon. Daniel Webster. The President of the United States and the members of the cabinet were present, and, as was computed, more than 50,000 other persons.

June 20. — The governor-general of the province of Tobasco, in Mexico, revolted against the general government, and with a force of 600 men prepared to make head against the troops sent against him under Gen. Ampudia.

July 2. — A fire broke out in the town of Fall River, Mass., which destroyed about 200 buildings, in the very heart of the village, and was only checked at last by a change of the wind.

July 2. — The Royal mail steamer Columbia, Capt. Shannon, which sailed from Boston, July 1st, with 90 passengers, and 80 among the crew, struck on a ledge of rocks off Seal island, and was lost, the crew and passengers and most of the cargo being saved.

July 15. — Piracy was committed on board the schooner Sarah Lavinia, from Alexandria to New York, by three of the crew, name Babe, Matthews, and Webster, who murdered the captain, mate, and cook, and robbed and scuttled the vessel. They were soon afterwards apprehended.

July 25. — In a street affray at Warrenton, Va., Mr. Robert E. Lée was shot by Richard Moore, and died a few minutes afterwards.

July 26. — The insurgent party in Spain entered Madrid in triumph, and appointed the Duke of Baylen provisional guardian of the Queen.

Aug. 1. — Hon. C. A. Wickliffe, Postmaster-General of the United States, while on board the steamboat Georgia, on his passage from Portsmouth to Baltimore, was assaulted by an insane young man, named J. McL. Gardiner, who plunged a dirk-knife into his breast, and attempted to repeat the blow, but was prevented by the by-standers. The wound was severe, but not dangerous.

Aug. 5. — A violent storm of wind and rain was experienced in and near Philadelphia, which did much injury, by unroofing houses, and flooding the lower part of the city. On Chester and Ridley Creeks, many houses, factories, and bridges were carried away, and several lives were lost.

Aug. 21. — A severe rain storm took place in the city of New York, by which the lower part of the city was inundated, and much property destroyed.

Aug. 21. — A destructive fire broke out in the village of Sackett's Harbor, New York, by which many houses and much property were consumed.

## APPENDIX.

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### CONGRESS.

THE Congress of the United States consists of a Senate and House of Representatives, and must assemble, at least once every year, on the 1st Monday of December, unless it is otherwise provided by law.

The Senate is composed of two members from each State; and of course, the regular number is now 52. They are chosen by the legislatures of the several States, for the term of six years, one third of them being elected biennially.

The Vice-President of the United States is the President of the Senate, in which body he has only a casting vote, which is given in case of an equal division of the votes of the Senators. In his absence, a President *pro tempore* is chosen by the Senate.

The House of Representatives is composed of members from the several States, elected by the people for the term of two years. The Representatives are apportioned among the different States, according to population. The 28th Congress is chosen according to the act of Congress of 1842, the ratio being "one Representative for every 70,680 persons in each State, and of one additional Representative for each State having a fraction greater than one moiety of the said ratio, computed according to the rule prescribed by the Constitution of the United States." The law of 1842 also requires, that the Representatives of each State "shall be elected by districts composed of a contiguous territory, equal in number to the number of Representatives to which said State may be entitled, no one District electing more than one Representative." The present number is 223 Representatives, and 3 Delegates.

Since the 4th of March, 1807, the compensation of each member of the Senate and House of Representatives has been \$8 a day, during the period of his attendance in Congress, without deduction in case of sickness; and \$8 for every twenty miles' travel, in the usual road, in going to and returning from the seat of government. The compensation of the President of the Senate, *pro tempore*, and of the Speaker of the House of Representatives, is \$16 a day.

# TWENTY-EIGHTH CONGRESS. THE SENATE.

WILLIE P. MANGUM, of North Carolina, *President pro tempore*.

[The figures denote the expiration of the terms of the Senators.]

Name.	Residence.		Name.	Residence.	
<i>Maine.</i>			<i>South Carolina.</i>		
John Fairfield,	<i>Saco,</i>	1849	George M'Duffie,		1849
George Evans,	<i>Gardiner,</i>	1847	Daniel E. Huger,		1847
<i>New Hampshire.</i>			<i>Georgia.</i>		
Charles G. Atherton,	<i>Nashua,</i>	1849	Walter T. Colquitt,		1849
Levi Woodbury,	<i>Portsmouth,</i>	1847	John M. Berrien,	<i>Savannah,</i>	1847
<i>Vermont.</i>			<i>Alabama.</i>		
William Upham,	<i>Montpelier,</i>	1849	Arthur P. Bagby,		1849
Samuel S. Phelps,	<i>Middlebury,</i>	1845	William R. King,	<i>Selma,</i>	1847
<i>Massachusetts.</i>			<i>Mississippi.</i>		
Rufus Choate,	<i>Boston,</i>	1845	J. Henderson,	<i>Pass Christian,</i>	1845
Isaac C. Bates,	<i>Northampton,</i>	1847	R. J. Walker,	<i>Madisonville,</i>	1847
<i>Rhode Island.</i>			<i>Louisiana.</i>		
William Sprague,		1845	Alexander Porter,		1849
J. F. Simmons,	<i>Providence,</i>	1847	Alex. Barrow,	<i>Baton Rouge,</i>	1847
<i>Connecticut.</i>			<i>Arkansas.</i>		
John M. Niles,	<i>Hartford,</i>	1849	A. H. Sevier,	<i>Lake Port,</i>	1849
Jabez W. Huntington,	<i>Norwich,</i>	1845	Wm. S. Fulton,	<i>Little Rock,</i>	1847
<i>New York.</i>			<i>Tennessee.</i>		
Silas Wright, Jr.,	<i>Canton,</i>	1849	<i>Two Vacancies.</i>		
N. P. Tallmadge,	<i>Poughkeepsie,</i>	1845	<i>Kentucky.</i>		
<i>New Jersey.</i>			John J. Crittenden,	<i>Frankfort,</i>	1849
William L. Dayton,		1845	J. T. Morehead,	<i>do.</i>	1847
Jacob W. Miller,	<i>Morristown,</i>	1847	<i>Ohio.</i>		
<i>Pennsylvania.</i>			William Allen,	<i>Chillicothe,</i>	1846
James Buchanan,	<i>Lancaster,</i>	1849	Benjamin Tappan,	<i>Steubenville,</i>	1845
Daniel Sturgeon,	<i>Uniontown,</i>	1845	<i>Michigan.</i>		
<i>Delaware.</i>			Augustus S. Porter,	<i>Detroit,</i>	1845
R. H. Bayard,	<i>Wilmington,</i>	1845	William Woodbridge,	<i>do.</i>	1847
Thomas Clayton,	<i>Newcastle,</i>	1847	<i>Indiana.</i>		
<i>Maryland.</i>			E. A. Hannegan,	<i>Fountain Co.,</i>	1849
Wm. D. Merrick,	<i>Allen's Fresh,</i>	1845	Albert S. White,	<i>Lafayette,</i>	1845
<i>One Vacancy.</i>			<i>Illinois.</i>		
<i>Virginia.</i>			Sidney Breese,		1849
Wm. C. Rives,	<i>Bentivoglio,</i>	1845	James Semple,		1847
Wm. S. Archer,	<i>Elk Hill,</i>	1847	<i>Missouri.</i>		
<i>North Carolina.</i>			Lewis F. Linn,	<i>St Genevieve,</i>	1849
Wm. H. Haywood, Jr.,		1849	Thomas H. Benton,	<i>St. Louis,</i>	1845
W. P. Mangum,	<i>Red Mountain,</i>	1847			

## HOUSE OF REPRESENTATIVES OF THE 28TH CONGRESS,

*which will expire on the 3d of March, 1845.***Maine. — 7.**

Dunlap, Robert P.,  
Hamblin, Hannibal,  
*Five vacancies.*

**New Hampshire. — 4.**

Burke, Edmund,  
Hale, John P.,  
Norris, Moses, Jr.,  
Reding, John R.,

**Vermont. — 4.**

Dillingham, Paul, Jr.,  
Foote, Solomon,  
Marsh, George P.,  
*One vacancy.*

**Massachusetts. — 10.**

Adams, John Quincy,  
Hudson, Charles,  
King, Daniel P.,  
Parmenter, William,  
Williams, Henry,  
Winthrop, Robert C.,  
*Four vacancies.*

**Rhode Island. — 2.**

Cranston, Henry Y.,  
Potter, Elisha R.,

**Connecticut. — 4.**

Catlin, George H.,  
Seymour, Thomas H.,  
Simons, Samuel,  
Stewart, John,

**New York. — 34.**

Anderson, Joseph H.,  
Barnard, Daniel D.,  
Beardsley, Samuel,  
Benton, Charles S.,  
Carroll, Charles H.,  
Cary, Jeremiah E.,  
Clinton, James G.,  
Dana, Amasa,  
Davis, Richard D.,  
Ellis, Chesselden,  
Fish, Hamilton,

Green, Byram,  
Hubbell, William S.,  
Hungerford, Orville,  
Hunt, Washington,  
Hunter, William G.,  
King, Preston,  
Leonard, Moses G.,  
Maclay, William B.,  
Moseley, William A.,  
Murphy, Henry C.,  
Patterson, Thomas J.,  
Phoenix, J. Phillips,  
Pratt, Zadock,  
Purdy, Smith M.,  
Rathbun, George,  
Robinson, Orville,  
Russell, Jeremiah,  
Seymour, David L.,  
Smith, Albert,  
Stetson, Lemuel,  
Strong, Selah B.,  
Tyler, Asher,  
Wheaton, Horace.

**New Jersey. — 5.**

[Election takes place in October, 1843.]

**Pennsylvania. — 24.**

[Election takes place in October, 1843.]

**Delaware. — 1.**

Rodney, George B.

**Maryland. — 6.**

[Election takes place in October, 1843.]

**Virginia. — 15.**

Atkinson, Archibald,  
Chapman, Augustus A.,  
Chilton, Samuel,  
Coles, Walter,  
Dromgoole, George C.,  
Gilmer, Thomas W.,  
Hopkins, George W.,  
Hubard, Edm. W.,  
Jones, John W.,  
Lucas, William F.,  
Newton, Willoughby,

Steenrod, Lewis J.,  
Summers, George W.,  
Taylor, William,  
Wise, Henry A.,

**North Carolina. — 9.**

Arrington, A. H.,  
Barringer, Daniel M.,  
Clingman, Thomas L.,  
Daniel, John R. J.,  
Deberry, Edmund,  
McKay, J. J.,  
Rayner, Kenneth,  
Reid, David S.,  
Saunders, R. M.,

**South Carolina. — 7.**

Black, James A.,  
Burt, Artemas,  
Campbell, John,  
Holmes, Isaac E.,  
Rhett, R. Barnwell,  
Simpson, Richard F.,  
Woodward, Joseph A.,

**Georgia. — 8.**

Black, Edward J.,  
Cobb, Howell,  
Haralson, H. A.,  
Lumpkin, J. H.,  
Millen, John,  
Stiles, Wm. H.

*Two vacancies.*

**Alabama. — 7.**

Bebser, James E.,  
Chapman, Reuben,  
Dellet, James,  
Houston, Geo. S.,  
Lewis, Dixon H.,  
McConnell, Felix G.,  
Payne, William W.,

**Mississippi. — 4.**

[Election takes place in October, 1843.]

**Louisiana. — 4.**

Bossier, P. E.

Dawson, John B.,  
Labranche, Alcee,  
Slidell, John,

*Arkansas.* — 1.

Cross, Edward,

*Tennessee.* — 11.

Ashe, John B.,  
Blackwell, J. W.,  
Brown, Aaron V.,  
Brown, Milton,  
Cullom, Alvan,  
Dickinson, David W.,  
Johnson, Andrew,  
Johnson, Cave,  
Jones, George W.,  
Peyton, James H.,  
Senter, W. T.,

*Kentucky.* — 10.

Boyd, Linn,  
Caldwell, G. A.,  
Davis, Garrett,  
French, Richard,

Green, Willis,  
Grider, Henry,  
Stone, James,  
Thomasson, W. P.,  
Tibbatts, John W.,  
White, John,

*Ohio.* — 21.

[Election takes place in October, 1843.]

*Michigan.* — 3.

[Election takes place in October, 1843.]

*Indiana.* — 10.

Brown, William J.,  
Davis, John W.,  
Henley, Thomas J.,  
Kennedy, Andrew,  
Owen, Robert D.,  
Pettit, John,  
Sample, Samuel C.,  
Smith, Caleb B.,  
Smith, Thomas,  
Wright, Joseph A.,

*Illinois.* — 7.

Douglass, S. A.,  
Ficklin, O. B.,  
Hardin, J. J.,  
Hoge, Joseph P.,  
McClernand, John A.,  
Smith, Robert,  
Wentworth, John,

*Missouri.* — 5.

Bower, Gustavus B.,  
Bowlin, James B.,  
Hughes, James M.,  
Jameson, John,  
Pelfe, James H.,

#### TERRITORIES.

*Florida.* — 1 *Delegate.*

Levy, David,

*Wisconsin.* — 1 *Delegate.*

*Iowa.* — 1 *Delegate.*

### CORRECTIONS AND ADDITIONS.

Page 106. Edwin Wilbur is appointed Collector at Newport, R. I., in place of W. Littlefield.

Page 107. William Sawyer is appointed Postmaster at Charlestown, Mass., in place of John Harris.

Page 123. Ferdinand L. Brauns is appointed Consul-General of Wurtemberg, in the place of the late Christian Mayer.

Page 125. Commander S. F. Dupont is appointed to the command of brig Perry, at Norfolk: Commander Henry Henry to the command of ship Yorktown; Commander G. J. Pendergast to the command of ship Boston.

### ERRATA.

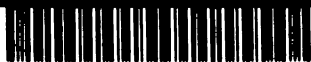
Page 4, 5th line of figures from the bottom, for 89 17 24 read 89 17 34; 3d line from the bottom, for 178 18 29, read 178 18 39; 2d line from the bottom, for 365 5 32, read 365 5 42.

Page 25, moon's southing on the 3d day of the month, for 4 41 read 3 41; moon's southing on the 18th day, for 3 15 read 3 45.





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JUN 15 1961

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